

Narration	Time
.hæ M p~ Sg lkÁ7/Æ Database and validation	00:01
:ÐZ ë~ Sg lk kL	00:06
gzl t™ I ÚB,Æä ðe	00:08
t™ Validate Æ fields	00:10
Ô~ VÆ	00:12
12.04 yjgz Ubuntu	00:13
Netbeans IDE 7.3	00:15
gzl JDK 1.7	00:19
Vf;g™ wE l 21.0g ifL dz Firefox	00:21
.• M™ wE lg ifL dz Ì ðÃ»I K L \ M	00:24
ì ~gz C t f D » s f z q Æ \ M h Æ K Æ s g lk kL	00:28
JSPsgz l Ì ~Š ã Å Java Servlets	00:31
t™ i ð Æ MySQL Database Ð Netbeans IDE	00:35
.t¯ tablesgz l database	00:39
., ™ ± 5V, dz ~g ø n Æ s g lk ~ Æ 7 ð L	00:42
.• D Y 6 Netbeans IDE Ô [L	00:47
.ì c™ qz Ñ gzu MySQL ä ~	00:52
.ì 1¯ database q l ò t library ~ kl ä ~	00:55
.ì c¯ table q l ò t Users ~ kl ä ~	01:00
.• Å 4 Š i = z 1/4 ~ x kl, Ð - ä ~	01:04
ÇVf 3 Š 7 L [l ~	01:08
., ™ Æ 6 View Data gzl, ™ Æ V c Š 6 users Ô n Æ kL	01:10
., ™ Æ 6 Æ i H Æ f W n	01:15

. • 15 users VĚŽ • MNŠë	01:19
PasswordgZl FirstName, Surname, Age, Gender, email, Username ë . • MNŠ	01:23
.i Java Database Connectivity Driver Ž • D™eBĀÇge JDBC ë [Z	01:31
., ™Ä6 7 Projects 0nÆkZ	01:39
., ™Ä6Add LibrarygZl, ™ÄVcŠ6Libraries	01:42
., ™Ä6MySQL JDBC Driver Q	01:46
., ™Ä6 Add Library gZl	01:50
.Ç} ™eBĀ gÇgeJDBC kZt	01:53
.åH→ äë6, ™ run Ä • z6 [Z	01:56
arya*123 , ™U~ Password gZl arya , ™U~ User Name 0 [Z	02:00
., ™Ä6 Sign In Q	02:06
. • MNŠE Success Greeting ë	02:08
., ™Ä6 here nÆä™ logout	02:12
. • DY6IDE : z0 [Z	02:15
.DNY6 java ^le Greeting servlet ë	02:17
N 16 doPost method	02:21
gZl username Đ request ñf D™WE l» getParameter method äë0→ HÝq password	02:23
.Çñ VÄÄnÆJDBC connection ..ĐM	02:31
ResultSet object gZl PreparedStatement object0Connection object äë .H> 0hŠEĐ null Ä	02:35
. • D™ register ~ program L Ä driver ëQ	02:44
. • D™ • qJk database ëQ	02:48

. • D™ ^ Y 6 Connection object Ā; prepareStatement ëŦQ	02:52
. • D™ query ō nÄä™ Y q] â ¥ Ä gi- Đ × Users ë	02:58
. • %o G 4 Š ~ xg Ā Ž • „ z password gzl username žŦ • h Y ë	03:03
. i @™ „ 0 q Ā field Ć ~ ä ð e U g â e Ā V Ć	03:09
. • D™ ^ Y Ā; setString ë n Ä ĩ Š = z (Ä U g â e Ā	03:15
. • D™ ñ f D™ W E l PreparedStatement object (ĩ e	03:22
. • D™ ^ Y Ā; executeQuery b v v W Prepared statement ëŦQ	03:26
. • D™ ! ~ v v M ResultSet Ā Ě ë	03:33
. • D™ Ć a successGreeting page ë n Ä ä™ login Đ ! x »	03:37
. • D™ W E l RequestDispatcher interface ë n Ä k l	03:43
n Ä ä™ Y q RequestDispatcher object b request ë	03:48
. • D™ W E l; getRequestDispatcher	
. • D™ W E l forward method b v v M RequestDispatcher Q ë	03:56
. • D™ forward S Š Ā jsp ^ l e successGreeting ë Ŧ b Š k l	04:02
. • D ĩ t l z b slides	04:07
. • H ¼ ~ } g ! Ä RequestDispatcher interface [l	04:10
. i ë Š] i Y l Ä ä™ v b k g ĩ Š v Š Ā request : Ŧ ĩ t	04:15
. i Y f jsp Ć 4 u Ŧ html k g ĩ Š t	04:22
. • D ĩ b IDE : l z	04:26
. • D ĩ b jsp ^ l e successGreeting [l	04:29
. • i g™ Ć a You have successfully logged in : Ä ! x » ë Ŧ V Ć	04:33
. • D ĩ t l z b browser Ŧ [l	04:38
. H 7 i Ć ~ ä ð e ä e Ž Ŧ , ™ U N password gzl x Ć » username	04:41
. V f @ ™ U N abc*123 egz k 0 gzl abc x Ć » S g™ ~	04:47

., TM Ä6 Sign In Q	04:56
ì CfÝq ðk 6Ei l.. ž• MNŠë	04:59
.Please correct the following error !!! Invalid username or password	05:03
.• ÜŠeÄnÆkZ0 [Z	05:09
.• D M: lz6 IDE 0Za*	05:12
.• DY6 java ^le GreetingServlet	05:14
.Äeä TM C ^a error message ...Ä CfX»†validation †l	05:17
.Ä> 0hF z ^a List Ä errorMsgs äë~	05:22
gH errorMsgs y†kz~ request scope ñfD TM WE l; setAttribute ë	05:27
• D TM	
.• attribute name 0errorMsgs 0VÆ	05:35
.ì H> 0hF 0 null Ä idy†kz 87 qläë	05:39
.ì ŠŽñ~ database 0user HŽ• hYëQ	05:44
.• D TM ! ~ id y†kzÄ=zëÄV;†l	05:48
.• D TM i † "Invalid username or password" gkl~ `` errorMsgs ë0Ä7	05:53
.• D TM C ^a 6 jsp ^le index Ä ðk äÄi 7à{ †z errorMsgs †l	06:00
.ì †MI]leš6 jsp ^le index ...Ä	06:09
.ì †YbŠ3/4E} ušñfD TM WE Ä RequestDispatcher ži -š,, - äë	06:13
~ try catch block ÄÄkZ äënÆä TM WE Äµ%Æexception ž, TM ^ ä	06:20
.ì 1 TM i †	
.• DÑbŠ3/4~ jsp ^le index Äy†kzerrorMsgs žDB Šë0 [Z	06:27
.• D TM Ýq=zÄ errorMsgs 0attribute ë0~	06:34
.ì @YHÆ TM WE l; getAttribute 6 request t	06:38

gZl i less than sign percentage sign Žgô zĀ Java code äëž, ™^ â	06:44
.i cš™ 4š ~ ôi percentage sign and greater than sign Žg8 ⁻³	
.• ë scriptlet ĀšklÆeĀ	06:57
.i @YHWE l» JSP Z>i @f ^ YĀgICŽi java code ~ kZ	07:02
• D™c ^a tēĀ 7 null =zĀ errorMsgs ǎZ	07:08
Please correct the following errors	07:15
• D™c ^a D™ ε>W 6 ^{••} ~g7Ā errorMsgs ëQ	07:18
• D™c ^a bšĀ listĀ error messages Që	07:23
• D™c ^a 6index dot jsp Ā error messages ëbškl	07:27
• D™i Ā bš¾~ ä ðe Ā user žB šŌ [Z	07:32
.i @7t ⁻ model qĤnÆ User table ...Ō → Đä™i Ā user ~ ä ðe	07:37
?i H model Ā • Ūš [Z	07:44
model qĤ	07:48
.i @MÍ ?Ā logical structure ~šĀÆðe ~ software application	07:49
getters gZl setters nÆyĤZl java class qĤB,Æattributes	07:55
• ...Ā bšĀ xŌñŌÆattributes ~šĐĀ model ëŌbškl	08:00
• DY: Z6 Netbeans IDE Ō [Z	08:07
.i 1 ⁻ „ ¬¿ java ^ZeUser ä ~	08:11
package org dot spokentutorial dot model ŌJava class t äëŌ, šZĀ	08:16
.i c ⁻ gŌÆ	
ŌemailŌgenderŌageŌsurnameŌfirstName • Fçñs fzqkŌ} gø	08:24
X passwordŌusername	
.i Hš ŌHŪE Đi=zà{Āyl äë	08:33
.i parameterized constructor kŌ} gøQ	08:37

.i I default constructor k0} gø	08:41
.• D™í ÆeÃ getFirstName method ë	08:44
.• D™í ÆèÌ Æ setFirstName method ë	08:47
.• D™í Æe6attributeCÃ k¿ get gzl set ëbSi l	08:51
.• D M: z6browser	08:57
., ™Ä6ëJ here nÆä™ register Ô [l	08:59
., ™Ull fields } g, ~ £Registration	09:03
., ™Ä6 Add User Q	09:07
.i @fYq Add User Success Page ...	09:10
.i M: Your request to add harshita was successful ...	09:14
i cšäëžå username Ô harshita VÆ	09:20
.• D™üt• ÜšÔ [l	09:24
.• D M: z6 IDE zã	09:28
.NY6 java ^le AddUserServlet	09:30
.%dNÑ~¿~ java ^le GreetingServlet äë%o• „ , zø	09:35
.• DfYq form parameters Æ™WE l getParameter method ...¬	09:40
∆ @hE Æ user ykëbšÅ Instance Æ User Model B, Æattributes~šD	09:46
.• D™	
.• D™gHã user ykë~ request scope Æ™WE l ¿ setAttribute	09:53
^YdE Æ query ënÆ%lei=z~ x Users Åi 7gkzÖÄ%ozD½form Æ	10:01
.• D™	
.• DfegzgãgzlÄ£success user ëQ	10:10
.• D M jsp ^le successUser Ô [l	10:15
.i H^gàã java ^le User äëÔ¬	10:19

. • è directive ~ JSP	10:24
gzi @f qz ÑB, Æ í , f-g ~ Š f-gzli , .. bí , + Š: 0g Ô zL JSP directive	10:28
.i @f »B, Æ í , + Š ñgzi , .. 6g8i³	
.i page directive	10:42
.i ñfG ^gàz} g, page directive	10:45
. • D™ a g: 6gi Æ User object Dgzi CfYq=zÅ user ^çñl...	10:50
.i success message VÆk0} g00Q	10:57
.i 110 Username äëVÆ	11:00
.i HWE l getUsername() method6 request object äë	11:04
.HtäëñfD™WE l scriptlet tags	11:09
. • D™ z6gifL0 [L	11:12
.D, ™ÖÄä™i ðëÅ user ŠŽñ~ ä ðe,, D↔	11:15
.çVz™ÖÄä™i ðÅ harshita {gizŠ ~ 0zä	11:20
"Please correct the following errors!!!! i @f wBñ ðgkq1.. ž• MNŠë	11:24
Duplicate entry 'harshita' for key 'UserName'	
. • D™ register nÆgi-Qg!q10 [L	11:33
.i cš½form q1l zä ~ 0VÆ	11:37
.i Ålat q1l ~ Age field ä ~	11:40
.i HUI ab ñ0Æ• Nzq1ä ~	11:44
., ™Ä6 Add User 0 [L	11:48
.The age must be a positive integer i M ðgkq1... • ÜŠë	11:51
?fütž• ÜŠ0 [L	11:57
. • D™ z6 IDE	12:00
.BÅ java ^le AddUserServlet	12:03

ĩñÃ errorMsgs ...ĩ VĒ	12:08
D™Ã errorMsgs ykz ~ request scope Ą™WE l ; setAttribute ëQ	12:11
.H> ħhĒ Ē-1 ĒZäëgzlHçš® ageUser »Uinteger äëĒQ	12:18
.HwE l ; parseInt äëĒQ/Ē try catch block	12:26
.Vf6gîĒ 870 • Ą™Hfys² ĩ @m: lzª yR integert	12:31
.ĩ ħgçĒ ĩ plĩ age žHĒNtäëVĒ	12:37
• D™ĩ ħçš~ errorMsgs list ëĒ ĄfX»tĒNž	12:44
. ' eāfçš ĩª age	12:51
• ĒĒeNzĩ kĩ x0vžĩ ä™pĒĒª ĄNz t...bšĩ l	12:54
.Ē, Ąª errorMsgs „ Ē jsp ^le addUser ëĒĩ 7à{žzMsgs ħkž	13:01
.ĩ @bšªtĄ™WE l RequestDispatcher ž Ąšĩ t äë	13:09
• D™ Ē jsp ^le addUser ĩ [l	13:15
.H^gàl java ^leuser äë-ĩ VĒ	13:19
.ĩ Ą̄-object »UUser äë~ scriptlet tags	13:24
.ĩ ĄfŸq errorMsgs =zĒ^çñlñfD™WE l ; getAttribute ...Q	13:31
.7 ĩ ĨªĒ null =tž• hŸë	13:38
• D™ Ąª ĨªĒ jsp ^le index äë6 ĩ ĨªĒ null tž	13:43
.ĩ fŸq=zĒ user from request ^çñl.. Ą™WE l User model Ĩª Ĩž	13:51
.ĩ form k0} ħQ	13:59
ħgmethod bšª POST ħz action bšª AddUserServlet ĩform tag	14:01
.ĩ	
ħz Name bšª firstName ĩ First Name » input type ħgîĒ text ĩª	14:07
value bšª getFirstName ^le user	

. • ì g™> òhšE Đ87à{Ã=zÅ firstName èŰVŒ	14:18
. ì ċ™nÆkì všÅ\ MoŠİ L	14:24
ì Ì =z6îÆ Add User gzlÅ submit k0} gø	14:28
. • D™E·NzÃ fields ~ addUser.jsp ëbŠkL	14:33
. • MNŠÆ™Ã errors Z 6 E "Add User" \ M	14:38
. ì ^~hŽ ~ ä ðe harshitagi-HŽ• ÛŠ [L	14:42
. ì _Y~hŽ ~ ä ðe harshita ž• MNŠë. • D M: lz6 x Users	14:49
5äë~sglkL	14:56
gzl Database connectivity	14:58
Field validation	15:00
. B Š-i z [øš,, sfzqñÆ+Yh× ~ } g!Æ• z6sglkÁ7L	15:02
. ì @™y0ž Ü»• z6sglkÁ7t	15:07
. • MNŠİ Æ™eβyfleĐL\ MÂ 7BezŠhLk0Æ\ MŠL	15:11
š• z6sglkÁ7L	15:15
. ì C`Ì \ αgzñfD™wE l», g lkÁ7L	15:17
. • ì ŠÌ Š<ÃVBzä™k0± í Ñy MjzL	15:20
. K 6contact at spoken hyphen tutorial dot org ōnÆ] âYh×	15:23
. ì z »• z6â} lll• z6sglkÁ7L	15:29
. ì {" e xĐSŠÅuì0/pò) gfÆKİ ðÆ ~eg MÝL*Æ# ÓCg , t	15:32
. • [øšIntro Đhttp://spoken-tutorialorg/NMEICT-] âYh× 6u kL	15:38
H= -l • ÆxLz6 ö HÆg - îÆ-g7g» Æ MNC *zÅ, szc ōÄ [~kŠİ	15:48
. ì Š	
. ì ÅÌ & α äVrLŠñÆsg lkÁ7LkL	15:57
t] ōVf©] iYĐ \ W[lEzsy~	16:02