

# Using a Low-Code Environment to Teach Programming in the Era of LLMs

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The screenshot shows an IDE interface with three main panels. On the left is a project explorer showing a course structure for 'Kotlin Onboarding: Introduction', with the 'Main.kt' file selected. The middle panel is a code editor for 'Main.kt' containing Kotlin code for a 'generateNewUserWord' function. The code is annotated with circled numbers 1 through 4. Line 1: 'package jetbrains.kotlin.course.hangman'. Line 3: 'fun generateNewUserWord(secret: String, guess: Char, currentUserWord: String): S'. Line 4: 'description {' (highlighted in yellow). Line 6: 'Create `newUserWord` equal to empty string'. Line 7: 'In a loop over all indices `i` in `secret` do'. Line 8: 'if `secret[i]`' (highlighted in yellow). Line 9: 'then add to `newUserWord` `secret[i]` and a space'. Line 10: 'else add to `newUserWord` `currentUserWord[i \* 2]` and a space'. Line 14: 'draft {' (highlighted in yellow). Line 15: '// This code will be generated by the command you promoted'. Line 16: '// Please, fix the highlighted issues to complete the task'. Line 18: 'var newUserWord = ""'. Line 19: 'for (i in secret.indices) {' (highlighted in yellow). Line 20: 'newUserWord += if (TODO("boolean type required")) {' (highlighted in yellow). Line 21: ' "\${secret[i]}\$separator"'. Line 22: '}' else {' (highlighted in yellow). Line 23: ' "\${currentUserWord[i \* 2]}\$separator"'. Line 24: '}'. Line 25: '}'. Line 26: 'return TODO("no return type")' (highlighted in yellow). Line 27: '}'. Line 28: '}'. On the right is a 'Description' panel for 'Task 3/9: Hangman - generateNewUserWord Function'. It contains the task description and a 'Task' section. Below the task description is a chat window with an 'Incorrect prompt!' message and a 'Check' button. The chat message says: 'Please, specify all fragments that are highlighted yellow'. The 'Check' button is highlighted in blue.



Full text



Demo-video