# Worksheet 2a Selection

1. Mark each program as being correct, or incorrect. If incorrect, state the correct operator.

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| --- | --- | --- |
| Program | Correct? | Correct Operator |
| if price < 1000:  print(“Too expensive”) | Incorrect | > |
| if password == correctPassword:  print(“Error, incorrect password”) |  |  |
| if score >= 60:  print(“Test passed”) |  |  |
| if guess < target:  print(“Guess lower!”) |  |  |
| if balance > 100:  print(“Balance of £100 or more confirmed”) |  |  |
| if lives <= 0:  print(“Game over”) |  |  |

1. Write a program that will ask for two numbers. Use a series of if statements to display whether the two numbers are the same or different, and if relevant, which one is larger.
2. Write a program that will ask for a favourite genre (type) of music, and then make a recommendation. For example, if they like rock then they should list to the Kaiser Chiefs, or if they like R&B they should listen to Rihanna.
3. Write a multiple choice quiz on a topic of your choosing. There should be 5 questions and each question should have 3 possible answers. Use if statements to tell the user if they were correct and to keep a running total of their score. At the end of the quiz, display a suitable message to the user – either “You’re a genius”, “Not bad”, or “Must try harder” depending on the user’s score.