Course: Introduction to Programming Using Python

Module 2. Branching Statements. Part 3

Task 1

The user types in a number from 1 to 100. If the number is a multiple of 3 (divisible by 3 without remainder), print the word Fizz. If the number is a multiple of 5, print the wordBuzz. If the word is a multiple of 3 and 5, print Fizz Buzz. If the word is not a multiple of 3 and 5, print the number.

If the user typed in a number out of the range, print an error message.

Task 2

Write a program that, at the user's choice, raises the typed in number to the power of 0 through 7.

Task 3

Write a program that calculates the cost of a call for different mobile phone operators. The user types in the cost of the call and chooses operators for the outgoing and incoming calls. Print the cost.

Task 4

The salary of a salesperson is $200 + percentage of sales as follows: up to $500 — 3%, from 500 to 1000 — 5%, over 1000 — 8%. The user types in the sales for three salespersons. Determine their salary, the best salesperson, give him or her a $200 bonus, print the result.