

# Java Worksheet 4 (Loops)

1. Write a program that allows the user to input a name. The program should output the name 10 times. Use the FOR LOOP for this program.
2. Write a program that allows the user to input a name, surname and address. The program should output the name, surname and address 10 times. Use the WHILE LOOP.
3. Write a program using the DO-WHILE LOOP to display the name 'George' 10 times.
4. Write a program using the FOR LOOP to display the name 'Franklin' 8 times.
5. Write a program that outputs the multiplication table of a number entered by the user (between 1 and 10) using the FOR LOOP.
6. Ask the user to enter a password in numbers. Display "Access Granted" if the password is correct or "Access Denied" if incorrect. Loop until the password is written correctly.
7. Write a program using the SWITCH CASE Statement to enable the user to choose from 4 different operations **as listed below.**
  - 1) *Sum (+)*
  - 2) *Minus (-)*
  - 3) *Multiplication (\*)*
  - 4) *Division (/)*
  - 5) *Exit*

The user will input two numbers and will then choose the operation from the menu above. The program will then work the operation chosen by the user and display the result accordingly. Loop the whole program until the user presses '5'.