Assignment 4

1. Discuss the difference between while and for loops. (4 marks).
2. Find out the difference between if-else and switch statements. (6 marks).

Answer

1. Difference in the syntax (the way the loop is arranged).

For is usually used when you know how many times to run through the loop. In while, it is more flexible and user does not need to know how many times required to run through the loop.

2. Difference in the syntax.

Switch: you are not allowed to have variable expression

Example: case a+3: This is not allowed!

Switch works much faster than if-else.

If-else is faster and easy to write.