2 nd Semester

Module   -   Object Oriented Programming with Java

Module Lecturer - Dr. Mohamed Shafraz

Practical   - 01

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Batch   - 22.2

Degree Program   - BSc in Management Information Systems (Special)

1. Write you first java programme to display "Hello World" on the screen.

```
public class HelloWorld {

    public static void main(String[] args) {

        System.out.println("Hello World");

    }

}
```

2. Write a programme to display your name on the first line and to display your degree programme on the second line on the screen. Please use command line (cmd) to execute your code.

```
public class NameAndDegree {

    public static void main(String[] args) {

        System.out.println("Ayodhya");

        System.out.println("MIS");

    }

}
```

3. Write down a programme to get the following output using a for loop. Repeat the same example by using a while loop.

Executing Loop 0

Executing Loop 1

Executing Loop 2

Executing Loop 3

Executing Loop 4

```
public class LoopExample {

  public static void main(String[] args) {

    for (int i = 0; i < 5; i++) {

      System.out.println("Executing Loop " + i);

    }

  }

}
```

3. Write a class and insert the following code block into the appropriate place. Execute the code and get the result.

"
```
int [] numbers = {10, 20, 30, 40, 50};
for(int x : numbers ){
  if( x == 30 ){
    break;
  }
  System.out.print( x );
  System.out.print("\n");
}
  System.out.print("I'm  out of the Loop now");              "
```

Results:
10
20
I'm out of the Loop now

Repeat the same code using "continue" instead of "break". Write down the output.

Results:

10
20
40
50
I'm out of the Loop now

4.

Write a class and insert the following code block into the appropriate place. Execute the code and get the result.

- char grade ='A';
- switch(grade)
- {
- case 'A' :
- System.out.println("Excellent!");
- break;

```java
public class GradeExample {

    public static void main(String[] args) {

        char grade = 'A';

        switch (grade) {

            case 'A':

                System.out.println("Excellent!");

                break;

        }

    }

}
```

Result - Excellent!