**Practical 01 – OOP Using Java**

1.

package com.mycompany.hello;

public class Hello

{

public static void main(String[] args)

{

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

}

}

2.

package com.mycompany.namedegree;

import java.util.Scanner;

public class NameDegree

{

public static void main(String[] args)

{

Scanner scanner = new Scanner(System.in);

System.out.print("Enter your name: ");

String name = scanner.nextLine();

System.out.print("Enter your degree program: ");

String degreeProgram = scanner.nextLine();

System.out.println(name);

System.out.println(degreeProgram);

}

}

3.

For Loop

package com.mycompany.forloop;

public class ForLoop

{

public static void main(String[] args)

{

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

{

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

}

}

}

While Loop

package com.mycompany.whileloop;

public class WhileLoop

{

public static void main(String[] args)

{

int i = 0;

while (i < 5)

{

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

i++;

}

}

}

4.

Result 1:

10

20

I'm out of the Loop now

Result 2:

10

20

40

50

I'm out of the Loop now

5.

Result 1:

Excellent!

Your grade is A

Result 2:

Excellent!

You passed

Better try again

Your grade is A

If-else Statement

public class Grade {

public static void main(String[] args) {

char grade = 'A';

if (grade == 'A') {

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

} else if (grade == 'D') {

System.out.println("You passed");

} else if (grade == 'F') {

System.out.println("Better try again");

} else {

System.out.println("Invalid grade");

}

System.out.println("Your grade is " + grade);

}

}

6.

10, 20, 30, 40, 50,

James, Larry, Tom, Lacy