LABPROGRAM – 1

OBSERVATION

29/09/2020.

OO

(1) Quadratic Eqn.

```
import java.uti
public class Qu
    private sc
    public st
    {
        double a,
        double root
        sc = new
        System.out
```

```
    }
    else if (discriminan
    {
        root1 = root2 = -b
        System.out.printl

    }
    else if (discrimina
    {
        System.out.pri

    }
}
```

LABPROGRAM – 2

OBSERVATION

06/10/2020.

```
import java.util.S
class student {
    private string
    private strin
    private int[
    private doubl
    private int n

    void getDetai
        scanner sc
        System.out.
```

```
n = sc.nextInt();
credits = new int[n];
marks = new double[
System.out.println("
urn = sc.next();
System.out.println(
name = sc.next();

for(int i=0; i<n; i++
    System.out.printl
    marks of subjec
credits[i] = sc.nex
marks[i] = sc.next
}
}
```

```
void sgpaclac() {
    double sgpa;
    int[] gper = new
    int credsum = 0,
    for(int i=0; i<n
        credsum += 
        if(marks[i]
            gp = 10;
        }
        else if(mar
            gp = 9;
        }
        else if(ma
            gp = 8;
    }
```

```
        sgpa = spger / (cred
        System.out.println("
    }
}

class Main {
    public static void ma
        Student s1 = ne

        s1.getDetails(
        s1.printDetail
        s1.sgpaclac(
    }
}
```

LABPROGRAM – 3

OBSERVATION

13/10/2020.

```
import java.util.S
class book{
    string auth
    string nam
    string noo
    string pri

    Scanner sc


    void getDet
        System.ou
        author
        System.ou
        name =
```

```
System.out.println("N
noofpgs = sc.next();
price = sc.next();
}

public string tostring
    return ("AUTHOR:" +
        + name + "\n
        Price" + pric
    }

book () {
    author = "xyz";
    name = "hirani"
    noofpgs = "56 pgs
```

```
book s1 = new book
System.out.println
        included
s1.display();

System.out.println
n=sc.nextInt();
book b[] = new book
for(int i=0; i<n
  System.out.println
  b[i]= new book
  b[i].getDetails();
}
```

LABPROGRAM – 4

OBSERVATION

03/11/2020;

(1). /* abstract cla

→

import java.uti

abstract class

double d

shape (dou

dim

dim

}

abstract do

class rectangle

rectangle (double

super (a,b)

```
class triangle exten
 triangle (double a
        super (a,b)

 double printarea (
        system.out.prin
        return dim*
    }
}

class circle extend
  circle (double a,
        super(a,b);
    }
  double printare
    system.out.pri
    return (3.14
```

LABPROGRAM – 5

OBSERVATION

(5) /* Bank accoun

import java.util

class Bank {
    String Bank
}

class account {
    Scanner sc =
    String name
    double acc
    double sac
    double ci

```
else if (eid > eid)
    ei = eid - eib
    pbalance1 = p
    System.out.pri

  }
else
  System.out.pri
      AND ACCOU
  }
}

class current ex
    Scanner sc =
```

```
if (pbalance2 >= mi
System.out.print("m
}
else if (pbalance2 <
  System.out.print("
  System.out.print("
  System.out.print(
  pbalance2 = pbalanc
  System.out.println
}
else
  system.out.println
}
}
```

```
System.out.println

c.checkmain();

System.out.println(

s.compint();
}
}
```