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ROLL NO.   :   312011

SEM   :   III (S.E)

BRANCH   :   COMPUTER ENGG

SUBJECT   :   OOPS WITH JAVA

Exp 3.

Aim : Program to demonstrate Classes and Objects .

```java
import java.util.*;

// Calculating the volume of a cylinder

public class Volume
{   double pi=3.142;
    double h;
    double r;
    double v;
    static void display()
    {
     System.out.println("Volume of cylinder is :");
    }
  public static void main(String args[])
  { Volume cylinder = new Volume ();//object created

    Scanner sc= new Scanner(System.in);

    System.out.println("Enter the height:");
    cylinder.h=sc.nextInt();
```

```java
System.out.println("Enter the radius:");
 cylinder.r=sc.nextInt();


cylinder.v=cylinder.pi*cylinder.r*cylinder.r*cylinder.h;


 display();


 System.out.println(cylinder.v);
 }
}
```

Command Prompt

```
C:\Users\hp\Desktop\Java\Practicals>javac Volume.java

C:\Users\hp\Desktop\Java\Practicals>java Volume
Enter the height:
10
Enter the radius:
12
Volume of cylinder is :
4524.48

C:\Users\hp\Desktop\Java\Practicals>
```