## Department of Computer Science and Engineering
## Data Science

**Academic Year: 2022-2023**          **Name of Student: Arya Patil**

**Semester: III**          **Student ID:  21107009**

**Class / Branch: SE Data Science**          **Date Of Performance: 29/09/2022**

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## Experiment No. 8

**Aim:-** To write a program on abstract class and abstract methods

**Program :**

```
abstract class Shape{

abstract void draw();

}

class Rectangle extends Shape{

void draw()

{

System.out.println("drawing rectangle");}}


class Circle1 extends Shape

{

void draw()

{
```

```
System.out.println("drawing circle");}}


class Exp8

{

public static void main(String args[])

{

Shape s=new Circle1();

s.draw();

}

}
```

**Output:-**

```
apsit@apsit-HP-280-Pro-G6-Microtower-PC:~$ javac Exp8.java
apsit@apsit-HP-280-Pro-G6-Microtower-PC:~$ java Exp8
drawing circle
apsit@apsit-HP-280-Pro-G6-Microtower-PC:~$ 
```