ASSIGNEMENT-6

1. WAP to implement the abstraction property in JAVA.

```
abstract class Shape
  {
  abstract void draw ();
   }
  class Circle extends Shape
     {
   void draw()
     {
  System.out.println("Draw a shape of a circle ");
    }
   }
class A
  {
  public static void main (String args[])
    {
  Circle obj = new Circle ();
  obj.draw ();
   }
  }
```

OUTPUT

Draw a shape of a circle

2.

6. WAP to implement super keyword in java.

```
class A
 {
 void alec()
  {
 System.out.println("Hello");
   }
 }
class B extends A
   {
  void alec()
   {
   System.out.println("Hi");
    }
   void work()
     {
   super.alec();
    alec();
     }
    }
   class try
    {
    public static void main(String args[])
     {
     B obj = new B();
     obj.work();
      }
     }
```

OUTPUT
Hello
Hi

7 WAP to implement super() method without parameter

```
class A
 {
 A()
  {
   System.out.println("A is created");
    }
   }
```

```
class D extends A
 {
 D()
 {
 super();
 System.out.println("D is created");
  }
 }
 class Tuy
    {
    public static void main(String args[])
      {
       B aly = new B();
       aly.work();
        }

      }
```

OUTPUT

A is created
D is created

8. WAP to implement super() method with parameter

```
class Persons
   {
  int id;
  String name;
  Person(int id, String name)
    {
   this.id = id;
  this.name = name;
    }
  }
  class Emp extends Persons
   {
  float salary;
   Emp (int id, String name, float sal)
   {
  super(id, name);
  this.salary = sal;
```

```
}
void display()
{
System.out.println(id + "  " + name + "  " + salary);
}
}
class Test
{
public static void main(String[] args)
{
Emp e1 = new Emp(11, "Sunit", 64000f);
e1.display();
}
}
```

OUTPUT

11 Sunit 64000