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## Practical - 5(A)

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**Aim:** Write a program to show implementation of Interface.

Program Code:

```
interface animal{
    public void animalSound();
    public void eat();
}

class dog implements animal{
    public void animalSound(){
        System.out.println("Dog says bow bow");
    }
    public void eat(){
        System.out.println("Dog eat pedigree");
    }
}

public class interfaceTest {
    public static void main(String args[]){
        System.out.println("Name: Sudhanshu Prasad");
        System.out.println("RollNo: 132");
        dog d1 = new dog();
        d1.animalSound();
        d1.eat();
    }
}
```

# OUTPUT

```
[Running] cd "c:\Users\prasa\Desktop\College Practicals\Java\"  
Name: Sudhanshu Prasad  
RollNo: 132  
Dog says bow bow  
Dog eat pedigree  
[Done] exited with code=0 in 0.619 seconds
```

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## Practical - 5(B)

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**Aim:** Write a program to show implementation of abstract class.

Program Code:

```
abstract class Animal{
    public abstract void animalSound();
    public void eat(){
        System.out.println("Cow eats husk");
    }
}

class cow extends Animal{
    public void animalSound(){
        System.out.println("Cow says moo");
    }
}

public class abstractTest {
    public static void main(String args[]){
        System.out.println("Name: Sudhanshu Prasad");
        System.out.println("RollNo: 132");
        cow c1 = new cow();
        c1.animalSound();
        c1.eat();
    }
}
```

# OUTPUT

```
[Running] cd "c:\Users\prasa\Desktop\College Practicals\Java\" &&  
Name: Sudhanshu Prasad  
RollNo: 132  
Cow says moo  
Cow eats husk  
  
[Done] exited with code=0 in 0.662 seconds
```

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# Practical - 5(C)

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**Aim:** Write a program to show implementation of packages.

Program Code:

```
package Pck;

public class pkg {
    public void details(){

        System.out.println("Age: 20");
        System.out.println("Roll No: 000");
        System.out.println("Branch CSE-C");
        System.out.println("Gender: Prefer not to say");
    }
}

import Pck.*;
public class packageTest {
    public static void main(String args[]){
        pkg p1 = new pkg();
        p1.details();
    }
}
```

## OUTPUT

```
Age: 20  
Roll No: 000  
Branch CSE-C  
Gender: Prefer not to say  
  
...Program finished with exit code 0  
Press ENTER to exit console.
```