**Experiment no 5 write java program to implements interface**

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SE/IT/A Batch B

interface animal{

public void sound();

public void colour();

public void food\_type();

}

class dog implements animal{

public void sound()

{ System.out.println("BOW BOW");

}

public void colour()

{ System.out.println("Brown");

}

public void food\_type()

{ System.out.println("Pedigree");

}

}

class cat implements animal {

public void sound()

{ System.out.println("Meow");

}

public void colour()

{ System.out.println("white");

}

public void food\_type()

{ System.out.println("Milk");

}

}

class pet

{

public static void main(String args[])

{ dog d1=new dog();

cat c1=new cat();

System.out.println("Dog");

d1.sound();

d1.colour();

d1.food\_type();

System.out.println("Cat");

c1.sound();

c1.colour();

c1.food\_type();

}

}

/\*output:

C:\Users\OOP-16>d:

D:\>cd abhishek

D:\abhishek>javac pet.java

D:\abhishek>java pet

Dog

BOW BOW

Brown

Pedigree

Cat

Meow

white

Milk

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