**package** com.sheri;

**public** **interface** Car {

**public** **void** sum() ;

**public** **void** year();

**public** **void** brand();

}

**package** com.sheri;

**public** **class** Service **implements** Car {

**public** **int** n,summ=0,carno=0;

**public** String carbrand;

**public** **int** carage = 0;

**public** **void** sum() {

**while**(carno<0){

n=carno%10;

summ=summ+n;

carno=carno/10;

}

**if**(summ %2 ==0)

System.***out***.println("you can go on Tuesday,Thursday,Saturday");

**else**

System.***out***.println(" you can go on Monday Wenesday,Friday");

}

**public** **void** year() {

**int** carage = 0;

**if**(carage>5)

System.***out***.println("Service is free for you");

**else**

System.***out***.println("You are not eligible for free wash");

}

**public** **void** brand() {

**int** servicecharge=5000;

**if**(carbrand=="maruti") {

servicecharge=servicecharge\*5/100;

System.***out***.println("Your servicing charge are "+servicecharge);

}

**else** {

System.***out***.println("Your service charge are "+servicecharge);

}

}

}

**package** com.sheri;

**import** java.util.Scanner;

**public** **class** Main {

**public** **static** **void** main(String[] args) **throws** Exception {

// **TODO** Auto-generated method stub

**int** carno,carage,servicecharge=5000;

String carbrand;

Scanner src= **new** Scanner(System.***in***);

System.***out***.println("Enter the number:");

carno=src.nextInt();

System.***out***.println("How many years old car do you have:");

carage=src.nextInt();

src.nextLine();

System.***out***.println("Car Barnd:");

carbrand=src.next();

Car c= **new** Service();

c.sum();

c.year();

c.brand();

}

}