**public** **class** SwitchExample {

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

**int** number=20;

**switch**(number){

**case** 10: System.***out***.println("10");**break**;

**case** 20: System.***out***.println("20");**break**;

**case** 30: System.***out***.println("30");**break**;

**default**:System.***out***.println("Not in 10, 20 or 30");

}

}

}

**class** SwitchExample2 {

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

**int** number=20;

**switch**(number){

**case** 10: System.***out***.println("10");

**case** 20: System.***out***.println("20");

**case** 30: System.***out***.println("30");

**default**:System.***out***.println("Not in 10, 20 or 30");

}

}

}

**public** **class** Switch\_case {

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

**char** choice;

**float** num1 ,num2;

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

System.***out***.println("enter Ur choice");

System.***out***.println("1- add two numbers");

System.***out***.println("2- subtract two numbers");

System.***out***.println("3- square num");

choice =input.next().charAt(0);

**switch**(choice)

{

**case** '1':

System.***out***.println("enter two numbers");

num1=input.nextFloat();

num2=input.nextFloat();

System.***out***.println(num1+num2);

**break**;

**case** '2':

System.***out***.println("enter two numbers");

num1=input.nextFloat();

num2=input.nextFloat();

System.***out***.println(num1-num2);

**break**;

**case** '3':

System.***out***.println("enter positive num");

num1=input.nextFloat();

**if**(num1>0)

System.***out***.println(num1\*num1);

**else**

System.***out***.println("not positive num");

**break**;

**default**:

System.***out***.println("invalid choice");

}

}

}

**public** **class** Switch\_case2 {

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

**char** ch;

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

System.***out***.println("enter character to test");

ch=input.next().charAt(0);

**switch**(ch){

**case**'a':

**case**'e':

**case**'i':

**case**'o':

**case**'u':System.***out***.println("vowel character");

**break**;

**default**:

System.***out***.println("not vowel characte");

}

}

}