**Q 11 Write program to find largest among three numbers**

**import** java.util.Scanner;

**public** **class** Largest\_num {

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

**int** n1,n2,n3;

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

System.***out***.print("enter the num1=");

n1=s.nextInt();

System.***out***.print("enter the num2=");

n2=s.nextInt();

System.***out***.print("enter the num3=");

n3=s.nextInt();

**if**(n1>=n2 && n1>=n3)

{

System.***out***.println(n1);

}

**if**(n2>=n1 && n2>=n3)

{

System.***out***.println(n2);

}

**if**(n3>=n1 && n3>=n2)

{

System.***out***.println(n3);}}}

**Out put** enter the num1=56

enter the num2=57

enter the num3=34

57

**Q 20 Write a program to find sum of all integers greater than 100 and less than 200 that are divisible by 7 public** **class** Greater\_100sumdiv\_7 {

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

**int** sum=0;

**for**(**int** i=100;i<=200;i++)

{

**if**(i%7==0)

{

System.***out***.println(i);

sum=sum+i;

System.***out***.println("sum="+sum);

}

}

}}

**Output**

105

sum=105

112

sum=217

119

sum=336

126

sum=462

133

sum=595

140

sum=735

147

sum=882

154

sum=1036 sum=1197

168

sum=1365

175

sum=1540

182

sum=1722 sum=1911

196 sum=2107 189 161

Q 21 8. Write a Java program to print numbers between 1 to 100 which are divisible by 3, 5 and by both.

Hint

System.out.println("\nDivided by 3: ");

for (int i=1; i<100; i++) {

if (i%3==0)

System.out.print(i +", ");

}

Q 22 create a menu driven application in java that show

"Add" Add two number

"subtract" Subtract two number

"Multiple" Multiple two numbers

"Exit " Exit

Ask two numbers from user and as per user choice perform necessary action using switch command

**import** java.util.\*;

**public** **class** Qus\_switch\_app {

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

**int** a,b;

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

System.***out***.println("print num a=");

a=s.nextInt();

System.***out***.println("print num b=");

b=s.nextInt();

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

String action= s.next();

**switch**(action)

{

**case** "add":

System.***out***.println("add two num"+(a+b) );

**break**;

**case** "subtract":

System.***out***.println("sub two num"+(a-b));

**break**;

**case** "multiple":

System.***out***.println("mul two num"+(a\*b));

**break**;

**default**:

System.***out***.println("exit");

**break**;

}}}}

output print num a=

12

print num b=

12

enter the choice add add two num24

Q 23 Write a program to display first 1 to 20 even number on screen . Terminate the program when number 16 is found using break command .

**public** **class** Print\_even\_num\_1\_20 {

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

**for** (**int** i=1;i<=20;i++)

{

**if**(i%2==0) {

System.***out***.println(i);

}

**if**(i==16) {

**break**;

}

}

}}

Output

2

4

6

8

10

12

14

16

**Q 24 Write a Java program that accepts two double variables and test if both strictly between 0 and 1 and false otherwise.**

**Hint n1 > 0 && n1 < 1 && n2 > 0 && n2 < 1**