1.Print sum from 1 To 10:

public class Sum

{

public static void main(String args[])

{

int x=1;

int sum=0;

while(x<=10)

{

sum=sum+x;

x++;

}

System.out.println("Sum of 1 to 10 is\n" +sum);

}

}

2.Print series of squares as 2,4,16,256,65536…:

public class A

{

public static void main(String args[])

{

int i;

int x=2;

for(i=1;i<=5;i++)

{

System.out.println(x);

x=x\*x;

}

}

}

3.Print no of digits of given no 4374:

public class A

{

public static void main(String args[])

{

int num=4374;

int count=0;

while(num>0)

{

count++;

num=num/10;

}

System.out.println("total digit " +count);

}

}

4.Print factors of 9:

public class A

{

public static void main(String args[])

{

int x=9;

for(int i=x;i>0;i--)

{

if(x%i==0)

{

System.out.println("factors of 9 are "+i);

}

}

}

}

5.Print factorial of 4:

public class A

{

public static void main(String args[])

{

int num=4;

int fact=1;

int i=1;

System.out.println("factorial of 4 is");

while(i<=num)

{

fact=fact\*i;

i++;

}

System.out.println(fact);

}

}

6.Print To check 13 is a prime no or not:

public class A

{

public static void main(String args[])

{

int x=13;

int count=0;

int i;

for(i=2;i<=x-1;i++)

{

if(x%i==0)

{

count++;

}

}

if(count>0)

{

System.out.println("It is not a prime number ");

}

else

{

System.out.println("It is a prime number");

}

}

}

7.Print To check if 6 is a perfect no or not:

public class A

{

public static void main(String args[])

{

int i;

int x=6;

int sum=0;

for(i=1;i<x;i++)

{

if(x%i==0)

{

sum=sum+i;

}

}

if(sum==x)

{

System.out.println("It is a perfect no");

}

else

{

System.out.println("It is not a perfect no");

}

}

}