1.Print 1 To 10 using while loop:

public class A

{

public static void main(String args[])

{

int i=1;

while(i<=10)

{

System.out.println(i);

i++;

}

}

}

2.Print 1 To 10 using do while loop:

public class A

{

public static void main(String args[])

{

int i=1;

do

{

System.out.println(i);

i++;

}while(i<=10);

}

}

3.Print 1 To 10 using for loop:

public class A

{

public static void main(String args[])

{

int i;

for(i=1;i<=10;i++)

{

System.out.println(i);

}

}

}

4.Print 1 To 100 using while loop:

public class A

{

public static void main(String args[])

{

int i=1;

while(i<=100)

{

System.out.println(i);

i++;

}

}

}

5.Print 1 To 100 using do while loop:

public class A

{

public static void main(String args[])

{

int i=1;

do

{

System.out.println(i);

i++;

}while(i<=100);

}

}

6.Print 1 To 100 using for loop:

public class A

{

public static void main(String args[])

{

int i;

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

{

System.out.println(i);

}

}

}

7.Print 10 To 1 using while loop:

public class A

{

public static void main(String args[])

{

int i=10;

while(i>=1)

{

System.out.println(i);

i--;

}

}

}

8.Print 10 To 1 using do while:

public class A

{

public static void main(String args[])

{

int i=10;

do

{

System.out.println(i);

i--;

}while(i>=1);

}

}

9.Print 10 To 1 using for loop:

public class A

{

public static void main(String args[])

{

int i;

for(i=10;i>=1;i--)

{

System.out.println(i);

}

}

}

10.Print table of 2 using condition statement and loop:

public class A

{

public static void main(String args[])

{

int i=1;

while(i<=20)

{

if(i%2==0)

{

System.out.println(i);

}

i++;

}

}

}

11.Print multiplication of 5 upto 50:

public class A

{

public static void main(String args[])

{

int i=5;

while(i<=50)

{

if(i%5==0)

{

System.out.println(i);

}

i++;

}

}

}

12.Print multiplication of 7 from 1 To 100:

public class A

{

public static void main(String args[])

{

int i=1;

while(i<=100)

{

if(i%7==0)

{

System.out.println(i);

}

i++;

}

}

}

13.Print count of multiplication of 4 from 1 To 120:

public class A

{

public static void main(String args[])

{

int i=4;

int count=0;

while(i<=120)

{

if(i%4==0)

{

count++;

}

i++;

}

System.out.println("count is " +count);

}

}

14.Print even numbers between 1 To 100 using loop and conditional statement:

public class A

{

public static void main(String args[])

{

int i=1;

while(i<=100)

{

if(i%2==0)

{

System.out.println("even no are "+i);

}

i++;

}

}

}

15.Print Odd no between 1 To 100 using loop and conditional statement:

public class A

{

public static void main(String args[])

{

int i=1;

while(i<=100)

{

if(i%2!=0)

{

System.out.println("odd no are "+i);

}

i++;

}

}

}

16.Print even and odd no’s count between 2 To 50:

public class A

{

public static void main(String args[])

{

int i;

i=2;

int evencount=0;

int oddcount=0;

while(i<=50)

{

if(i%2==0)

{

evencount++;

}

else

{

oddcount++;

}

i++;

}

System.out.println("even count is " +evencount);

System.out.println("odd count is " +oddcount);

}

}

17.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);

}

}

18.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;

}

}

}

19.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);

}

}

20.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);

}

}

}

}

21.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);

}

}