Assignment 18

Write a program to calculate sum of all perfect numbers between 1 and 100. Display perfect number also

Ans:

object perfect_range

{

    def main(args:Array[String])

    {

        var sum=0

        for(i<-1 to 100)

        {

            for(j<-1 to (i/2))

            {

                if(i%j==0)

                    sum+=j

            }

            if(sum==i)

                println(" perfect number =>"+i)

            sum=0

        }

    }

}

Output:

perfect number =>6

 perfect number =>28