1. Buatlah program untuk mencetak bilangan bulat genap diantara angka yang ditentukan user. Ketentuan :

ØGunakan statemen seleksi didalam perulangan.

ØVariabel dari dan sampai diinput oleh user.

Contoh Output:

[](https://www.blogger.com/u/1/blog/post/edit/4310209025248791298/3128915203567378957)

Jawaban :

import java.util.Scanner;

public class Ilman10519069\_Soal1 {

    public static void main(String[] args) {

       Scanner input = new Scanner(System.in);

        System.out.print("Dari : ");

                int x =  input.nextInt();

         System.out.print("Sampai : ");

                int y = input.nextInt();

                for (x=x ; x <= y ; x++){

                    if (x % 2 == 0)

                        System.out.print(x+"  ");

                }

    }

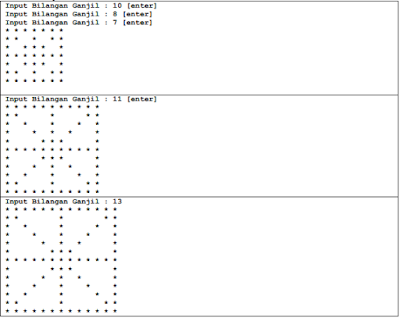
}

2. Buatlah program untuk mencetak gambar bendera inggris. Dengan ketentuan sebagai berikut:

ØInputan berupa bilangan bulat ganjil. Selama kita menginputkan bilangan yang tidak sesuai, maka program akan selalu meminta inputan. Tips : gunakan perulangan do-while.

ØGunakan statemen seleksi dalam perulangan bersarang.

Contoh Output:

[](https://www.blogger.com/u/1/blog/post/edit/4310209025248791298/3128915203567378957)

Jawaban :

import java.util.Scanner;

public class Ilman10519069\_Soal2{

    public static void main(String[] args) {

        Scanner input = new Scanner(System.in);

        int bil;

        do{

            System.out.printf("Input Bilangan Ganjil :");

            bil = input.nextInt();

        }while(bil%2==0);

        int batas=bil-1;

            for(int y=0; y<bil; y++)

            {

                for(int x=0; x<bil; x++)

                {

                    if(y==0 || y==batas || x==0 || x==batas || y==x || y+x==batas || y==batas/2 || x==batas/2)

                    {

                        System.out.print("\* ");

                    }

                    else

                    {

                        System.out.print("  ");

                    }

                }

            System.out.println();

              }

    }

}

3. Seorang tukang bangunan ingin membuat motif pada dinding, buatlah program untuk menentukan pola motif tersebut sesuai dengan panjang dinding yang ingin diberi motif. Kombinasi motif nya adalah + dan -, sehingga jika panjang dinding nya adalah 10 meter, maka motif nya + - + - + - + - + -

Gunakan do-while!

[](https://www.blogger.com/u/1/blog/post/edit/4310209025248791298/3128915203567378957)

Jawaban :

import java.util.Scanner;

public class Ilman10519069\_Soal3{

          public static void main(String[] args){

          Scanner input=new Scanner(System.in);

          System.out.println("Input : ");

          System.out.print("Panjang Dinding : ");int pd = input.nextInt();

          System.out.println("");

          System.out.println("Output : ");

          int i=0;

          do{

              System.out.print('+');

              i++;

                   for(i=1;i<pd;i++){System.out.print('-');

                   for(i=2;i<pd;i++){System.out.print('+');

                   for(i=3;i<pd;i++){System.out.print('-');

                   for(i=4;i<pd;i++){System.out.print('+');

                   for(i=5;i<pd;i++){System.out.print('-');

                   for(i=6;i<pd;i++){System.out.print('+');

                   for(i=7;i<pd;i++){System.out.print('-');

                   for(i=8;i<pd;i++){System.out.print('+');

                   for(i=9;i<pd;i++){System.out.print('-');}

              }}}}}}}}

          }

          while(i<pd);

}

}

/\*

          for(i=0;i<pd;i++){

              for(i=0;i<pd;i++){

                   System.out.print('+');

                   for(i=1;i<pd;i++){System.out.print('-');

                   for(i=2;i<pd;i++){System.out.print('+');

                   for(i=3;i<pd;i++){System.out.print('-');

                   for(i=4;i<pd;i++){System.out.print('+');

                   for(i=5;i<pd;i++){System.out.print('-');

                   for(i=6;i<pd;i++){System.out.print('+');

                   for(i=7;i<pd;i++){System.out.print('-');

                   for(i=8;i<pd;i++){System.out.print('+');

                   for(i=9;i<pd;i++){System.out.print('-');}

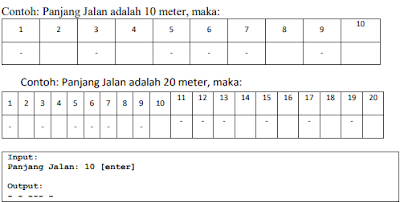
              }}}}}}}}

          }

          }

\*/

4. Seorang tenaga kerja di dinas PU akan melakukan pengecatan marka jalan, anda diminta untuk membuat program untuk menggambarkan marka jalan tersebut. Marka jalan ini memiliki ketentuan sebagai berikut: Marka jalan digambarkan setiap 2 meter sekali, namun marka jalan digambarkan 2 kali setiap 5 meter.

[](https://www.blogger.com/u/1/blog/post/edit/4310209025248791298/3128915203567378957)

Jawaban :

import java.util.Scanner;

public class Ilman10519069\_Soal4{

          public static void main(String[] args){

          Scanner input=new Scanner(System.in);

          System.out.println("Input : ");

          System.out.print("Panjang Jalan : ");int pd = input.nextInt();

          System.out.println("");

          System.out.println("Output : ");

          int i=0;

          do{

              i++;

                   for(i=0;i<pd;i++){System.out.print('-');

                   for(i=1;i<pd;i++){System.out.print(' ');

                   for(i=2;i<pd;i++){System.out.print('-');

                   for(i=3;i<pd;i++){System.out.print(' ');

                   for(i=4;i<pd;i++){System.out.print('-');

                   for(i=5;i<pd;i++){System.out.print('-');

                   for(i=6;i<pd;i++){System.out.print('-');

                   for(i=7;i<pd;i++){System.out.print(' ');

                   for(i=8;i<pd;i++){System.out.print('-');

                   for(i=9;i<pd;i++){System.out.print(' ');

              }

              }

              }

              }

              }

              }

              }

              }

              }

          }

          }while(i<pd);

}

}

/\*

import java.util.Scanner;

public class Ilman10519069\_Soal4{

          public static void main(String[] args){

          Scanner input=new Scanner(System.in);

          System.out.println("Input : ");

          System.out.print("Panjang Dinding : ");int pd = input.nextInt();

          int i;

          for(i=0;i<pd;i++){

              for(i=0;i<pd;i++){

                                        System.out.print('-');

                   for(i=1;i<pd;i++){System.out.print(' ');

                   for(i=2;i<pd;i++){System.out.print('-');

                   for(i=3;i<pd;i++){System.out.print(' ');

                   for(i=4;i<pd;i++){System.out.print('-');

                   for(i=5;i<pd;i++){System.out.print('-');

                   for(i=6;i<pd;i++){System.out.print('-');

                   for(i=7;i<pd;i++){System.out.print(' ');

                   for(i=8;i<pd;i++){System.out.print('-');

                   for(i=9;i<pd;i++){System.out.print(' ');

              }

              }

              }

              }

              }

              }

              }

              }

              }

          }

     }

}

}

\*/