

	Programación	
	UF1	P11
Zambrano Jiménez, Kevin Omar		
Ejercicios	M3	

Five exercises- P11

```
/*
```

```
* To change this license header, choose License Headers in Project Properties.
```

```
* To change this template file, choose Tools | Templates
```

```
* and open the template in the editor.
```

```
*/
```

```
package p11;
```

```
import java.util.Scanner;
```

```
/**
```

```
*
```

```
* @author Kevin
```

```
*/
```

```
public class P11 {
```

```
    static Scanner keyboard = new Scanner(System.in);
```

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

```
        userMenu();
```

```
        int option = keyboard.nextInt();
```

```
        switch (option) {
```

```
            case 1:
```

```
                Option1();
```

```
                break; //salir del switch
```

```
            case 2:
```

```

        Option2();
        break; //salir del switch
    case 3:
        Option3();
        break; //salir del switch
    case 4:
        Option4();
        break; //
    case 5:
        Option5();
        break;

    }
}

private static void userMenu() {
    System.out.println("Option 1");
    System.out.println("Option 2");
    System.out.println("Option 3");
    System.out.println("Option 4");
    System.out.println("Option 5");

}

private static void Option1() {

    System.out.println("Exercise 1");
    int i, N = 120, fin = 0;

```

```

for (i = 20; i <= N; i++) {
    System.out.print(i + " ");
}

System.out.println(" ");

if (i > 0) {
    for (i = 20; i <= N; i++) {

        fin = fin + i;
    }
}

System.out.println("The total sum is: " + fin);
}

```

```

private static void Option2() {
    System.out.println("Exercise 2");
    int i = 120;
    while (i >= 20) {
        System.out.print(i + " ");
        i--;
    }
}

```

```

private static void Option3() {
    System.out.println("Exercise 3");
    int numberR = 1000;
    int i = 0;
    do {
        if (i % 5 == 0) {

```

```
        System.out.print(i + " ");  
    }  
    i++;  
} while (i <= numberR);  
}
```

```
private static void Option4() {  
    System.out.println("Exercise 4");  
    String txt="";  
    int i , N = 1010;  
    for (i = 5; i <= 1010; i++)  
  
        if (i % 5 == 0&& i % 10 !=0) {  
            txt+=i + " ";  
  
        }System.out.println(txt + " ");  
}
```

```
private static void Option5() {  
    System.out.println("Exercise 5");  
    int i = 0, N = 50, fin = 0;  
    while (i <= 50) {  
        fin = fin + i;  
        i++;  
    }  
    System.out.println("The total sum is: " + fin);  
}  
  
}
```