

nama = Fauzan Zulfa M. (0302200032)

① import java.util.Scanner;

public class soal1 {

public static void main(String[] args) {

Scanner input = new Scanner(System.in);

boolean loop = true;

do {

System.out.print("masukan nilai anda: ");

int userInput = input.nextInt();

String result = "Anda tidak lulus ujian.\n";

if (userInput >= 60) {

result = "Anda lulus ujian.\n";

}

if (userInput == -1) {

loop = false;

result = "Tidak ada nilai yang dimasukkan kecuali 0.\n";

}

System.out.println(result);

} while (loop);

input.close();

}

}

② import java.util.Scanner;

public class soal2 {

public static void main(String[] args) {

Scanner input = new Scanner(System.in);

System.out.print("masukan nilai n = ");

int userInput = input.nextInt();

input.close();

int result = 0;

int i = 0;

while (i < userInput) {

i++

result += i

}

System.out.println(result);

}

}


```
③ import java.util.Scanner;
```

```
public class soal3 {
```

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

```
        Scanner input = new Scanner(System.in);
```

```
        System.out.print("Jumlah siswa: ");
```

```
        int totalStudent = input.nextInt();
```

```
        int scoreLowest = 0;
```

```
        int scoreLowestSecond = 0;
```

```
        String scoreLowestName = "";
```

```
        String scoreLowestSecondName = "";
```

```
        System.out.println("Nama dan nilai: ");
```

```
        int i = 0;
```

```
        while (i < totalStudent) {
```

```
            System.out.print("Siswa " + (i+1) + ": ");
```

```
            String userName = input.next();
```

```
            int userScore = input.nextInt();
```

```
            if (userScore < scoreLowest) {
```

```
                scoreLowestSecond = scoreLowest;
```

```
                scoreLowestSecondName = scoreLowestName;
```

```
                scoreLowest = userScore;
```

```
                scoreLowestName = userName;
```

```
            } else if (userScore < scoreLowestSecond && userScore > scoreLowest) {
```

```
                scoreLowestSecond = userScore;
```

```
                scoreLowestSecondName = userName;
```

```
            } else if (scoreLowest == 0 && scoreLowestSecond == 0) {
```

```
                scoreLowestSecond = scoreLowest;
```

```
                scoreLowestSecondName = scoreLowestName;
```

```
                scoreLowest = userScore;
```

```
                scoreLowestName = userName;
```

```
            }
```

```
            i++
```

```
        }
```

```
        System.out.print("Siswa dengan nilai terendah: ");
```

```
        System.out.print(scoreLowestName + " dengan nilai kedua terendah: " + scoreLowestSecondName + " ");
```

```
    }
```


④ import java.util.Scanner;

public class Soala {

public static void main(String[] args) {

Scanner input = new Scanner(System.in);

System.out.println("masukan biaya kuliah saat ini");

double yearTuition = input.nextDouble();

input.close();

double totalTuition = 0;

double year10Tuition = 0;

int i = 0;

while (i < 10) {

i++;

yearTuition = yearTuition * 1.06;

if (i > 5) {

totalTuition += yearTuition;

} else {

year10Tuition = yearTuition

}

}

System.out.printf("Tahun ke-10: Rp. %d \n Total biaya untuk
empat tahun setelah tahun ke-10: Rp. %d",

(int) Math.round(year10Tuition),

(int) Math.round(totalTuition);

}

}