

Round Robin Scheduling

Your task is to implement round robin scheduling algorithm. Following function is given:

```
int RoundRobin(int[] processes) {  
    int totalTurnaroundTime;  
    // implement your code here  
  
    return totalTurnaroundTime;  
}
```

- *processes* - contains a list of process duration times in milliseconds (quantum = 10 milliseconds).
- The function should calculate and return the total turnaround time for all processes.
- Also, it should print the whole process of scheduling, by printing all process numbers, starting from initial, and on each switch of the CPU (whenever the quantum ends).
- Processes are numbered from 0 to N-1, corresponding to indexes of the input array.

Sample Input:

```
int[] processes = new int[] { 100, 20, 50 };  
int result = RoundRobin(processes);  
System.out.println(result);
```

Sample Output:

```
0  1  2  0  1  2  0  2  0  2  0  2  0  0  0  0  0  
350
```

The task above should be implemented in Java. Group work is not recommended, since the implementation will be checked for plagiarism and cheating. Similarities found in the programs will be penalized, in worst cases leading to honor code violation report.

Submit a single **hw2_yourname.java** file.

Deadline 22.04.2019.