

```
int n = 6;  
int m = 3;
```

```
range Jobs = 1..n;  
range M = 1..m;
```

```
int P[Jobs] = [4,3,5,2,7,8];
```

```
dvar boolean x[Jobs][M];  
dvar int+ C_max;
```

```
minimize C_max;
```

```
subject to {  
    forall(i in Jobs)  
        sum(j in M) x[i][j] == 1;  
  
    forall(j in M)  
        sum(i in Jobs) x[i][j] * P[i] <= C_max;  
}
```

```
execute DISPLAY {  
    writeln("Optymalny czas produkcji: ", C_max);  
    for (j in M) {  
        write("Maszyna ", j, ": Zadania ");  
        for (i in Jobs) {  
            if (x[i][j] == 1) {  
                write(i, " ");  
            }  
        }  
        writeln("");  
    }  
}
```