

```
Import JJIO
```

```
Class PayRoutine
```

```
-- Name Ann O'Nimbus
```

```
-- Does Weekly pay, with routine payGross
```

```
Routine mainRun (none) is public
  Box hours ofType int
  -- Does compute the pay
  Start
    Output "Enter the hours worked "
    Input hours
    Outputln hours -- echo
    Call payGross with (hours)
  EndRoutine mainRun
```

```
Routine payGross (hrs) is public
  Slot hrs ofType int
  Box pay ofType int
  -- Does do gross pay, and output it
  If (hrs < 40) then
    Set pay = 10 * hrs
  Else
    Set pay = 10*40 + 15*(hrs - 40)
  EndIf
  Output "The pay is "
  Outputln pay
EndRoutine payGross
```

```
EndClass PayRoutine
```

```
-- a run:
```

```
-- Enter the hours worked 50
```

```
-- The pay is 550
```

```
Import JJIO
```

```
Class PayFunction
```

```
-- Name Ann O'Nimbus
```

```
-- Does Weekly pay, with function grossPay
```

```
Routine mainRun (none) is public
  Box hours ofType int
  -- Does compute the pay, and output it
  Start
    Output "Enter the hours worked "
    Input hours
    Outputln hours -- echo
    Output "The pay is "
    Output grossPay (hours)
    Outputln " "
  EndRoutine mainRun
```

```
Function grossPay (hrs) ofType int is public
  Slot hrs ofType int
  Box result ofType int -- pay
  -- Does return gross pay
  If (hrs < 40) then
    Set result = 10 * hrs
  Else
    Set result = 10*40 + 15*(hrs - 40)
  EndIf
EndFunction grossPay
```

```
EndClass PayFunction
```

```
-- a run:
```

```
-- Enter the hours worked 50
```

```
-- The pay is 550
```