

```
PROGRAM Kadai3_2
```

```
    IMPLICIT NONE
```

```
    INTEGER :: Meter_0, Meter_1, Amount
```

```
    REAL :: Fare, Base_Fare=1350.0
```

```
    PRINT *, "Meter(Post)"
```

```
    READ *, Meter_0
```

```
    PRINT *, "Meter(Present)"
```

```
    READ *, Meter_1
```

```
    Amount = Meter_1 - Meter_0
```

```
    SELECT CASE (Amount)
```

```
    CASE (13:20)
```

```
        Fare = Base_Fare + (Amount - 12) * 10.80
```

```
    CASE (21:40)
```

```
        Fare = Base_Fare + 10.80 * 8 + (Amount - 20) * 166.32
```

```
    CASE (41:)
```

```
        Fare = Base_Fare + 10.80 * 8 + 166.32 * 20 + (Amount - 40) * 228.96
```

```
    CASE DEFAULT
```

```
        Fare = Base_Fare
```

```
    END SELECT
```

```
    PRINT *, "Meter : (Present)", Meter_1, " (Post)", Meter_0
```

```
    PRINT *, "Amount : ", Amount
```

```
    PRINT *, "Fare : ", INT(Fare), "JPY"
```

```
END PROGRAM Kadai3_2
```