

Write a Fortran 90 program to display a letter grade for each given numeric grade using the scale:

$< 59 = F$, $60-69 = D$, $70-79 = C$, $80-89 = B$, $> 90 = A$.

Implement your program using the SELECT construct.

```
PROGRAM ProgL11
```

```
! Input:  $x$ 
```

```
! Output :  $f(x)$ , where  $f$  is defined above.
```

```
! This function uses SELECT construct to display letter grades.
```

```
IMPLICIT NONE
```

```
INTEGER :: Grade
```

```
PRINT *, "Enter grade"
```

```
READ *, Grade
```

```
SELECT CASE (Grade)
```

```
    CASE (90 :)
```

```
        PRINT *, "A"
```

```
    CASE (80 : 89)
```

```
        PRINT *, "B"
```

```
    CASE (70 : 79)
```

```
        PRINT *, "C"
```

```
CASE (60 : 69)
```

```
    PRINT *, "D"
```

```
CASE DEFAULT
```

```
    PRINT *, "F"
```

```
END SELECT
```

```
END PROGRAM ProgL11
```