\*pseudo-code:

Begin

Input Point

Input Point

X = Point

IF X >= 75

Display Rank A

X = Point

ELSE IF (X < 75) AND (X >= 60)

Display Rank B

ELSE IF (X < 60) AND (X >= 45)

Display Rank A

X >= 75

Display Rank c

ELSE IF (X < 45) AND (X >= 35)

Display Rank D

60 <= X < 75

ELSE IF X < 35

Display Rank B

Display Rank A

End

45 <= X < 60

\*Flowchart:

Display Rank C

Display Rank E

Display Rank D

X < 35

35 <= C < 45