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1. Pseudocode to determine the performance of a student based on the score obtained using If-Else structure

1 Begin

2 Input a Grade

3 If (Grade == 100)

4 Begin

5 Print “Perfect A score”

6 End

7 Else

8 Begin

9 If (Grade >= 70)

10 Begin

11 Print “Grade = A “

12 End

13 Else

14 Begin

15 If (Grade >=60)

10 Begin

11 Print “Grade = B “

12 End

13 Else

14 Begin

15 If (Grade >= 50)

16 Begin

17 Print “Grade = C “

18 End

19 Else

20 Begin

21 If (Grade >= 45)

22 Begin

23 Print “Grade = D “

24 End

25 Else

26 Begin

27 Print “Grade = F “

28 End

29 End

Error: 15 If (Grade<=69)

Debug: 15 If (Grade>=50)

1. Using switch case construct

1 Begin

2 Input Grade

3 Switch (Grade)

4 Case == 100

 Print “Perfect A score”

5 Case >=70

 Print “Grade =A”

5 Case >=60

 Print “Grade =B”

5 Case >=50

 Print “Grade =C”

5 Case >=45

 Print “Grade =D”

9 Default

 Print “Grade =F”

10 End

Error: 6 Case<=69

Debug: 6 Case >=60