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Activity-1

Q1 calculate the average value of 5 number?

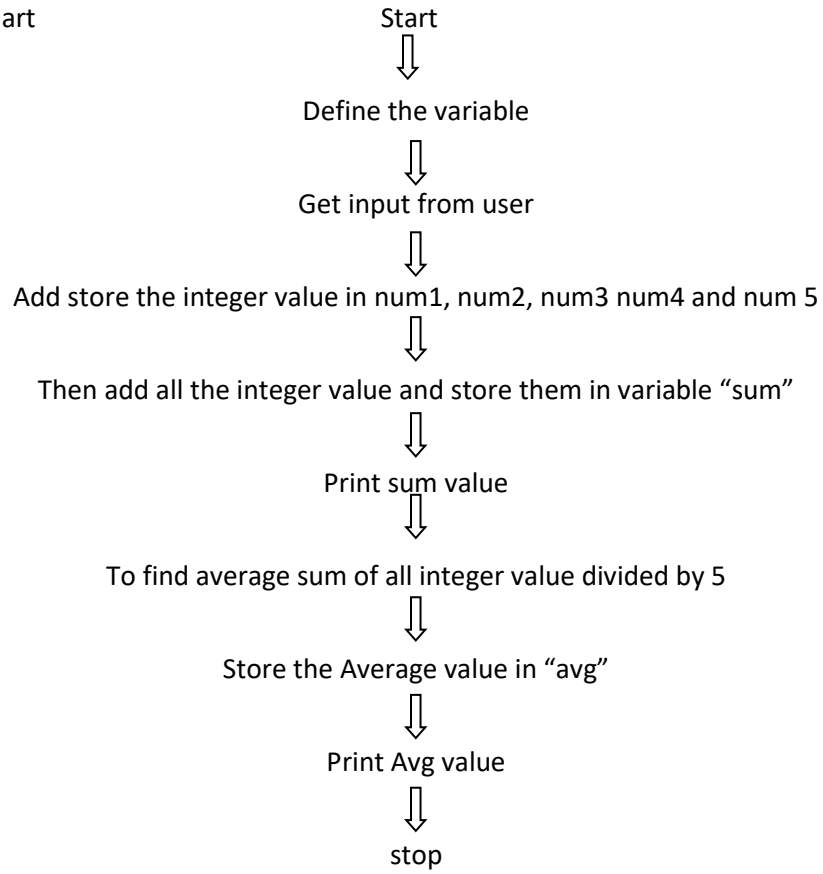
- ❖ Natural language:

1. Start
2. Input five number and store them in variable num1, num2, num3, num4, num5
3. Calculate the sum of the five-input value and store them in variable “sum”
4. Then calculate the average of five input number and store them in variable “Avg”
5. Print the value of “Avg”
6. Stop

- ❖ Pseudo code

1. Start
2. Input= num1, num2, num3, num4, num5, sum and avg;
3. Compute sum = num1+ num2 + num3 + num4 + num5
4. Print the value of sum
5. Compute avg = sum/ 5
6. Print the value of Avg
7. Stop

- ❖ Flow chart



Q2. Find grade of student

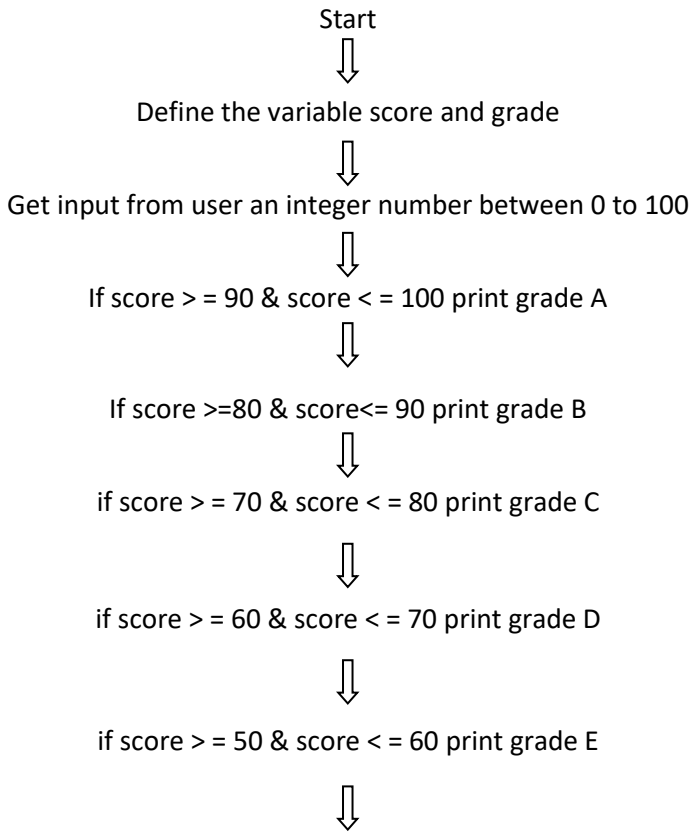
- ❖ Natural language

1. Start
2. Define variable (score, grade)
3. Give input between 0-100
4. If score is between 100 to 90 print grade A
5. Score is between 90 to 80 print grade B
6. Score is between 80 to 70 print grade C
7. Score is between 70 to 60 print grade D
8. Score is between 60 to 50 print grade E
9. Score is less than 50 print grade F

- ❖ Pseudo code

1. Start
2. Input variable “score” & “Grade”
3. Enter score between 0-100
4. If score > = 90 & score < = 100 print grade A
5. if score>= 80 & score < = 90 print grade B
6. if score > = 70 & score < = 80 print grade C
7. if score > = 60 & score < = 70 print grade D
8. if score > = 50 & score < = 60 print grade E
9. if score < 50 print F
10. Display grade
11. Stop

- ❖ Flow chart



if score < 50 print grade F

⇩

display grade of student

⇩

stop

Q3. issue for driver licence

- Natural language
    1. Start
    2. Define the variable “age”
    3. Enter the age
    4. If age is greater and equal to 18
    5. Then print you can take driving license
    6. If age is less and equal to 17
    7. Then print you can’t take driving license
    8. end
- pseudocode
    1. start
    2. input variable age
    3. take input from user
    4. if age >= 18 then print you can take driving license
    5. if age <= 17 then print you can’t take driving license
    6. print the result
    7. end
- Flow chart

start

⇩

Enter your age for driving license

⇩

If age > = 18

⇩

Yes “you can take driving license”

⇩

If age<= 17

No “you can not take driving license”

send