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Activity Pseudocode and Flowchart

1. Find the sum of 10 numbers

**PSEUDOCODE**

BEGIN

NUMBER num1, num2, num3, num4, num5, num6, num7, num8, num9, num10, sum

STRING “Input 10 numbers”  
 INPUT num1, num2, num3, num4, num5, num6, num7, num8, num9, num10  
 sum = num1 + num2 + num3 +num4 +num5 +num6 +num7+ num8 +num9 +num10  
 OUTPUT (sum)

END

**FLOWCHART**



1. Login to Facebook Account

**PSEUDOCODE**

BEGIN

IF tried 5 times THEN

Lock account

ELSE

STRING “Input your username”  
 INPUT username

IF username is correct THEN

STRING “Input your password”

INPUT password

ELSE

TRY AGAIN

ENDIF

IF password is correct THEN

STRING “Input your password”

INPUT password

Grant access

ELSE

TRY AGAIN

ENDIF

END

**FLOWCHART**

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1. Flowchart for arithmetic operation

* Determine what operator to use form the given array string {“Add”, “Subtract”, “Multiply”, “Divide’}

**PSEUDOCODE**

BEGIN

NUMBER num1, num2, result

INPUT num1, num2

STRING ”Choose what operation you like”

INPUT +, -, \*, /

IF + is chosen THEN

result=num1 + num2

OUTPUT result

ELSE

Pick again

ENDIF

IF - is chosen THEN

result=num1 - num2

OUTPUT result

ELSE

Pick again

IF \* is chosen THEN

result=num1 \* num2

OUTPUT result

ELSE

Pick again

ENDIF

IF / is chosen THEN

result=num1 / num2

OUTPUT result

ELSE

Pick again

ENDIF

END

**FLOWCHART**

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