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Lab 6 post lab assignment

Part A

Graphical user interface, text, application

Description automatically generated

Text

Description automatically generated

x=0 #initialization x = 0  
i=1 #initialize i=1 to use it as counter for loop  
while [ $i -le 3 ] # while(i<=3) run the loop till i<=3 🡪 loop will run 3 times  
do  
s=`expr $i \\* $i` #s=i\*i s = 1 in first iteration, s = 4 in second iteration, s = 9 in third iteration  
x=`expr $s + $x`#x=s+x, x = 1 in first iteration, x=5 in second iteration, x = 14 in third iteration  
i=`expr $i + 1` #i=i+1 #increases i by 1 after each case  
done  
echo x=$x #print x in this case is 14

Part B:

Graphical user interface, text, application

Description automatically generated



Part C

1. Graphical user interface, text, application

   Description automatically generated



Part D:

Graphical user interface, text, application

Description automatically generated



Part E

Graphical user interface, application

Description automatically generated







![Graphical user interface, application

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