Final notes

Problem on checking whether a cstring is a palindrome

Bool isPalindrome(char a[])  
{  
 //remember that you can find the length of the array using strlen  
 int n = strlen(a);  
 for (int I = 0; I < n/2; i++)  
 if (a[n-i-1] != a[i])  
 return false;  
 return true;  
}

Problems that ask what a function actually does

Int mystery(int k)  
{  
 int I = 0;  
 if (k < 0)  
 return -1;  
 while (k > 0)  
 {  
 if (k%3 == 0)  
 i++;  
 k--;  
 }  
 return I;  
}  
//returns number of times 3 goes into k with no remainder; -1 if k is less than zero

Objective of this program: output “out” onto the screen  
Can’t use brackets or c-string functions, and must only copy characters from “computer”

Void out(char\* str, char\* &ptr)  
{  
 ptr = new char[4];  
 \*ptr = str[1];  
 str += 4;  
 ptr[1] = \*str;  
 ptr++;  
 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ //you have to add this line to make the function work.

*Ptr[1] = str[1];* //this is the correct line to add in  
 Ptr += 2;  
 ptr[0] = ‘\0’;  
 ptr = -3;  
}  
int main()  
{  
 char\* word = “computer”;  
 char\* newWord;  
 out(word,newWord);  
 cout << newWord << endl;  
 delete [] newWord;  
 return 0;  
}