CSE 30 worksheet Structs

Complete the following exercises to build a LinkedList using structs.

}

```
#include <stdio.h>
#include <stdlib.h>
#include <string.h>
struct Node{
 int age;
 char *name;
   next;
Struct Node*
insert front( head, int age, char* name){
   //allocate space for a Node in heap using malloc
   struct Node* tmp = ____;
   if(      ) {//if malloc didn't work
   //use the next three statements to initialize the Node pointed by tmp
   if (tmp->name==NULL) {
     return head;
   //Complete the part to insert (pay attention to edge cases)
```

1

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```
main() {
   struct Node* head = NULL;
   head = insert_front(head, 44, "Paul Cao");
   head = insert_front(head, 99, "Keith Muller");
   head = insert_front(head, 33, "Christine Alvarado");

//Complete the code to print out the linked list
```

//Complete the code to free the memory allocated from heap

}

2