VIRSIV ELLIN 300 ~10N~ iht x Interp; p=rewint; 1/x x23 pe de mer de leté p = free(p) p= new intens rispor le alle min par- It (p) exiter) for(1=0) (21) cirs pais int or funci int parr = rew interes; stack, heap At aptr=fun) . first ale med - Return le maps Il pel

- COMP BOTH 100 R NEWS OF AR CHARMY - Colpy TUCK WAS 120 -NE MILL DIES int no contacult or up CIN >> N MEL rips char &p= Per chartning, for ( int 1=0; 12h; 12+) (h >> oci>) gets(p); PEis = NULL? deletelis) " DEN WI IN CON. MAJA, EVEN PE - COIPI MILLE ISL char stream; gels(str) in re of notion char of new stret stren(str)+13) p=strdup(str); for sprin stropy (P, str) were tailor oor mader led wind 26 the led mader char & arrtino]; Char stream; For (11=0;16100;12) gets(str); arrtiz-strdup(str); FERRA GOD (CYALISIN -For ( Int 1=0) ( 2000 121) 2 puts (arreit) for (Intizo) 12100; 122) -1110 de letersomix Tfree (arris)

## שאלה מספר 6 (15 נקודות)

נתונה תוכנית הכתובה בשפת c

```
#include <stdio h>
#include <string.h>
char *func(char *st,int n)
  char *str1,*str2,str[10];
  int cnt;
  strl = st+n;
  while (*str1=' ') str1++;
  str2=str1-1;
  cnt=0;
  ďΦ
       str[cnt++]=*str2++;
  while (*str2!=' ');
  str[cnt] = '\0';
  *(str1-1) = '\0';
 strcat(st,str2);
 strcat(st,str);
  return st;
main()
char string[50] = "hello how are you";
 char *str;
 int n=5;
str= string;
printf("original:
                      %s\n",string);
str = func(str,n);
printf("result(n=%d) %s\n",n,string);
return 0;
```

- א. (ד נקודות) מה מבצעת התוכנית!
- ב. (8 נקודות) מה תדפים בסיום הריצה: