1. MCQ:

a. iii
b. i
c. iii
d. ii
e. i

2. Code

```c
1  #include <stdio.h>
2  int new_strlen(char *s){
3      int i,len=0;
4      for(i=0;*(s+i)!='\0';i++)
5          len++;
6      return len;}
7  void new_strcpy(char *s, char *t, int length){
8      int i;
9      for(i=0;i<length;i++)
10         *(t+i) = *(s+i);
11     *(t+i) = '\0';}
12 int main() {
13     char st[100],cp_st[100];
14     int l;
15     printf("Enter a string: ");
16     scanf("%s",st);
17     l = new_strlen(st);
18     new_strcpy(st, cp_st, l);
19     printf("\nThe length of the input string = %d ",l);
20     printf("\nThe input string = %s and the copied string = %s", st, cp_st);
21     int i=0;
22     do{printf("\nCharacter at index = %d is %c with ASCII values = %d",i,st[i],
           st[i]);
23         i++;
24     }while(i<l);    return 0;}
```

3. Code

```c
#include <stdio.h>
float add_n(float *a){
    float s=0;
    int i;
    for(i=1;i<10;i=i+2)
        s = s + *(a+i);
    return s;    }
int main() {
    float A[10],r;
    int i,j=0;
    printf("Populate array of size 10, type float: ");
    for(i=0;i<10;i++){
        scanf("%f",(A+i));
    }
    while(j<10){
        printf("%f ",*(A+j));
        j++;
    }
    r = add_n(A);
    printf("\nResult = %f",r);
    return 0;}
```