1.

ii

#include <ctype.h>

int main(){

 int i = 0;

 char str1[] = "Department of Mathematical and Physical Sciences\n";

 char str2[] = "compUter PROGRAMMINg II\n";

 char chr;

 while (str2[i]){

 chr = str2[i];

 printf ("%c", toupper(chr));

 i++;

 }

return 0;

}

iii

#include <stdio.h>

#include <stdlib.h>

#include <ctype.h>

#include <string.h>

int main(){

 char str1[] = "Department of Mathematical and Physical Sciences\n";

 char str2[] = "compUter PROGRAMMINg II\n";

 int i;

 for (i = 0; str1[i] != '\0'; ++i);

 printf("Length of the string = %d\n", i);

return 0;

}

2.

ii.

#include <stdio.h>

#include <stdlib.h>

#include <ctype.h>

#include <string.h>

int main(){

 char str1[] = "I am a Member of COSSA";

 char str2[] = "I am also a MEMBER of NACOSS";'

strrev(str2);

 printf ("%s", str2);

return 0;

}

3.

i

#include <stdio.h>

#include <stdlib.h>

#include <ctype.h>

#include <string.h>

int main(){

int i = 0;

 char str1[] = "Do you really WANT to be a gOOd Programmer";

 char str2[] = "Then you must LOVE PROgraMMIng";

 char str3[] = "Can you join me to program?";

 char chr;

 while (str1[i]){

 chr = str1[i];

 printf ("%c", tolower(chr));

 i++;

 }

return 0;

}

ii

#include <stdio.h>

#include <stdlib.h>

#include <ctype.h>

#include <string.h>

 char str1[] = "Do you really WANT to be a gOOd Programmer";

 char str2[] = "Then you must LOVE PROgraMMIng";

 char str3[] = "Can you join me to program?";

 int result;

 result = strcmp(str1, str2);

 printf("%d\n", result);

return 0;

}

iii

4.

a.

#include <stdio.h>

#include <stdlib.h>

#include <ctype.h>

#include <string.h>

int main(){

 char str1[] = "NIGERIA";

 char str2[] = "Nigeria NIGERIA niger";

 char chr;

 int result;

 result = strcmp(str1, str2);

 printf("%d\n", result);

return 0;

}