**JOSHUA ETUK 19/SCI01/095**

**CSC206**

**A)i)**

#include<stdio.h>

#include<string.h>

int main()

{

char str1[100]="Department of Mathematics and Physical Science";

char str2[100]="CompUterPROGRAMMINg II";

char \*result;

result=strncat(str1,str2,8);

printf(" concatenation result is:%s\n",result);

return 0;

}

**A)ii)**

#include<stdio.h>

#include<string.h>

int main()

{

char str1[100]="Department of Mathematics and Physical Science";

 char str2[100]="CompUterPROGRAMMINg II";

char \*uppercase;

uppercase=strupr(str2);

printf("uppercase of str2 is:%s\n",uppercase);

return 0;

}

**A)iii)**

#include<stdio.h>

 #include<string.h>

int main()

 {

char str1[100]="Department of Mathematics and Physical Science";

 char str2[100]="CompUterPROGRAMMINg II";

int l;

 l=strlen(str1);

printf("length of the string=%d",l);

getch();

 }

**B)i)**

#include<stdio.h>

 #include<string.h>

int main()

{

 char str1[50]=" I am a Member of COSSA";

 char str2[50]=" I am also a MEMBER of NACOSS";

char \*result;

result=strncpy(str2,str1,23);

printf("result is:%s\n",result);

return 0;

}

**B)ii)**

#include<stdio.h>

#include<string.h>

int main()

{

 char str1[50]=" I am a Member of COSSA";

 char str2[50]=" I am also a MEMBER of NACOSS";

char \*result;

result=strrev(str2);

printf("result after reverse is:%s",result);

return 0;

}

**B)iii)**

#include<stdio.h>

#include<string.h>

int main()

{

 char str1[50]=" I am a Member of COSSA";

 char str2[50]=" I am also a MEMBER of NACOSS";

int \*result;

result=strncmp(str1,str2,5);

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

return 0;

}

**C)i)**

#include<stdio.h>

#include<string.h>

int main()

{

 char str1[100]=" Do you really WANT to be a gOOd Programmer";

 char str2[100]=" Then you must LOVE PROgraMMing";

char str3[100]=" Can you join me program?";

char \*result;

result=strlwr(str1);

printf("result is:%s\n",result);

return 0;

}

**C)ii)**

#include<stdio.h>

#include<string.h>

int main()

{

 char str1[100]=" Do you really WANT to be a gOOd Programmer";

 char str2[100]=" Then you must LOVE PROgraMMing";

char str3[100]=" Can you join me program?";

int \*result;

result=strcmp(str1,str2);

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

return 0;

}

**C)iii)**

#include<stdio.h>

#include<string.h>

int main()

{

 char str1[100]=" Do you really WANT to be a gOOd Programmer";

 char str2[100]=" Then you must LOVE PROgraMMing";

char str3[100]=" Can you join me program?";

char e='m';

char \*result;

result=strchr(str3,e);

printf("result is:%s\n",result);

return 0;

}

**D)a)**

#include<stdio.h>

#include<string.h>

int main()

{

 char str1[50]=" NIGERIA";

 char str2[50]=" Nigeria NIGRIA niger";

int \*result;

result=strcmp(str1,str2);

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

return 0;

}

**D)b)**

#include<stdio.h>

#include<string.h>

int main()

{

 char str1[50]=" NIGERIA";

 char str2[50]=" Nigeria NIGERIAniger";

int \*result;

result=strncmp(str1,str2,5);

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

return 0;

}

**D)c)**

#include<stdio.h>

#include<string.h>

int main()

{

 char str1[50]=" NIGERIA";

 char str2[50]=" Nigeria NIGERIAniger";

char \*result;

result=strnset(str2,'$',18);

printf("result is:%s\n",result);

return 0;

}