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**MATRIC NUMBER : 19/SCI01/100**

**CSC 206 ASSIGNMENT**

**ai)**

#include<stdio.h>

#include<string.h>

int main()

{

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

 char str2[100]="CompUter PROGRAMMINg II";

 char \*result;

 result=strncat(str1,str2,8);

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

 return 0;

}

**aii)**

#include<stdio.h>

#include<string.h>

int main()

{

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

 char str2[100]=" CompUter PROGRAMMINg II";

 char \*uppercase;

 uppercase=strupr(str2);

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

 return 0;

}

**aiii)**

#include<stdio.h>

 #include<string.h>

 int main()

 {

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

 char str2[100]=" CompUter PROGRAMMINg II";

 int l;

 l=strlen(str1);

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

 getch();

 }

**bi)**

#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;

}

**bii)**

#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;

}

**biii)**

#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;

}

**ci)**

#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;

}

**cii)**

#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;

}

**ciii)**

#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 NIGERIA niger";

 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 NIGERIA niger";

 char \*result;

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

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

 return 0;

}