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**DEPARTMENT: COMPUTER SCIENCE 200level**

**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;

}

**ii).** #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;

}

**iii).** #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(str2);

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;

}

**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 reversing is : %s", result);

return 0;

}

**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;

}

**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 \* lowercase;

lowercase = strlwr(str1);

printf("lowercase of str1 is:%s\n", lowercase);

return 0;

}

**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;

}

**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;

}

**Di).** #include<stdio.h>

#include<string.h>

int main()

{

char str1[100] = "NIGERIA";

char str2[100] = "Nigeria NIGERIA niger";

int \* result;

result = strcmp(str1,str2);

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

return 0;

}

**ii).** #include<stdio.h>

#include<string.h>

int main()

{

char str1[100] = "NIGERIA";

char str2[100] = "Nigeria NIGERIA niger";

int \* result;

result = strncmp(str1,str2,10);

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

return 0;

}

**iii).** #include<stdio.h>

#include<string.h>

int main()

{

char str1[100] = "NIGERIA";

char str2[100] = "Nigeria NIGERIA niger";

char \* result;

result = strnset(str2,'$',20);

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

return 0;

}