DATA STRUCTURE LAB

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BRANCH = CS (Sec - A)

Pre-request

Program for reversing the given string

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```c
#include <stdio.h>
#include<string.h>
int main() {
    char str1[50],str2[50];
    int k,n=0,i;
    printf("Enter string : ");
    scanf("%s",str1);
    k=strlen(str1);
    for(i=k-1;i>=0;i--){
        str2[n]=str1[i];
        n++;
```

```
}
printf("Reverse of string %s is %s",str1,str2);
return 0;
}
```

```
ıin.c                                    [] ()   Run      Output
   //  Abhishek  Rajput                            /tmp/TdELLEW18K.o
   //  2100290120007                               Enter string : akash
                                                   Reverse of string akash is hsaka
   #include <stdio.h>
   #include<string.h>
   int main() {
       char str1[50],str2[50];
       int k,n=0,i;
       printf("Enter string : ");
       scanf("%s",str1);
       k=strlen(str1);
       for(i=k-1;i>=0;i--){
           str2[n]=str1[i];
           n++;
       }
       printf("Reverse of string %s is %s",str1,str2);
       return 0;
   }
```