**Program no.:-6**

**Aim: Write a program for the implementation of Activity selection problem.**

**Source Code:**

#include<stdio.h>

#include<conio.h>

int s[100],f[100],n,i,j;

void printMaxActivities()

{

printf ("Following activities are selected\n");

i = 0;

printf("%d\t", i+1);

for (j = 1; j < n; j++)

{

if (s[j] >= f[i])

{

printf ("%d\t",j+1);

i = j;

}

}

}

int main()

{

clrscr();

printf("enter number of activities");

scanf("%d",&n);

printf("enter starting time activities");

for(i=0;i<n;i++)

{

scanf("%d",&s[i]);

}

printf("enter finishing time activities");

for(i=0;i<n;i++)

{

scanf("%d",&f[i]);

}

printMaxActivities();

getch();

}

**Output:**

