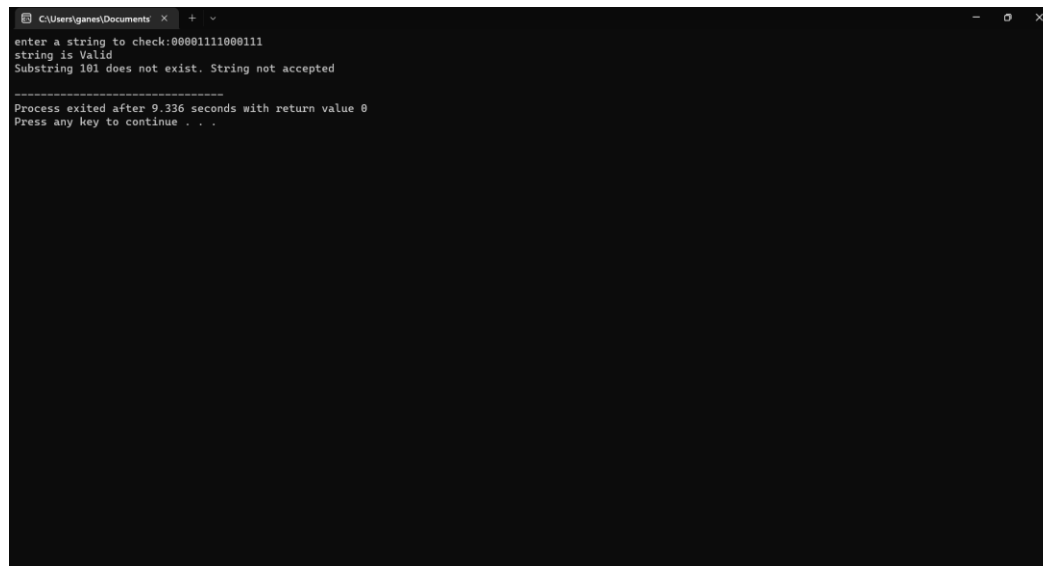


```
#include<stdio.h>
#include<string.h>
int main()
{
    char s[100];
    int i,flag,flag1;
    int l;
    printf("enter a string to check:");
    scanf("%s",s);
    l=strlen(s);
    flag=1;
    for(i=0;i<l;i++)
    {
        if(s[i]!='0' && s[i]!='1')
        {
            flag=0;
        }
    }
    if(flag==1)
        printf("string is Valid\n");
    else
        printf("string is Not Valid\n");
    if(flag==1)
    {
        flag1=0;
        for(i=0;i<l-2;i++)
        {
            if(s[i]=='1')
            {
```

```
if(s[i+1]=='0' && s[i+2]=='1')
{
flag1=1;
printf("Substring 101 exists. String accepted\n");
break;
}
}
}

if(flag1==0)
printf("Substring 101 does not exist. String not accepted\n");
}
}
```

Output:



```
C:\Users\games\Documents
enter a string to check:00001111000111
string is Valid
Substring 101 does not exist. String not accepted

=====
Process exited after 9.336 seconds with return value 0
Press any key to continue . . .
```