```c
#include<stdio.h>
#include<string.h>
int main(){
    char s[100];
    int i,f;
    printf("enter the string:");
    scanf("%s",&s);
    for(i=0;i<strlen(s);i++){
        if(s[i]=='0'||s[i]=='1'&&s[0]=='0'&&s[strlen(s-1)=='1']){
            printf("accepted");
            break;
        }
        else
            printf("not accepted");
            break;
    }
    return 0;
}
```

```
enter the string:011
accepted
--------------------------------
Process exited after 2.529 seconds with return value 0
Press any key to continue . . .
```