```c
/*
        WAP to input userid and password. If userid is bp and password
is sharma then show a
        message "authontication passsed" else "authentication fail"

*/
main()
{
        char userid[51],pass[51];
        int i=0; char ch;
        printf("Enter user id : ");
        gets(userid);
        printf("Password : ");
        while(i<50)
        {
                ch=getch();
                if(ch=='\r') break;
                pass[i]=ch;
                i++;
                putchar('*');
        }
        pass[i]='\0';
        if(strcmp(userid,"bp")==0 && strcmp(pass,"sharma")==0)
                printf("authentication passed");
        else
                printf("authentication fail");
}
```