Accept two string and compare

#include<stdio.h>

#include<string.h>

int main()

{ int i,j,flag=0;

char str1[20],str2[20];

scanf("%s %s",str1,str2);

if(sizeof(str1)<strlen(str1)||sizeof(str2)<strlen(str2))

{printf("string is too long");

return 0;

}

if(strlen(str1)==strlen(str2))

{

for(i=0,j=0;str1[i]!='\0'||str2[j]!='\0';i++,j++)

{

if(str1[i]!=str2[j])

{flag=1;

break;

}

}

if(flag==0)

{ printf("strings are same");

return 0;

}

else{

printf("strings are not same");

return 0;

}

}

else

{printf("strings are not same");

return 0;}

}