A black background with red and blue text

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**SCANF**

Space or new **line end** or new or it consider as as end of string (rem) (here we [^\n] it indicates that we the name enters until we used to press next line)

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**STACK SMASHING DETUCTED (CORE DUMPED)**(mostly gets to all fresgher)

-🡪to clear up the space it has only 20 bytes but if we give more i/p also it displays but the temp file or buffer have the that data so we get this type of errors it can **modified by clean up**(garbage is to clean memory )it directl present in java

Demo on address :

Add i: 3472

Add f: 3476

Add of char : 1440203471

Add str1 : 3488

Add d: 3480

These are called as base address of any variable it means starting address(where the address is stored)

We have given in one order bit it takes the adre format in diff order due to the multitasking and perfgorming but in microprocessors we get same

* Printf(“\n address of i: **%u**” , &i); similar to all but chage the I and keep what u given in main

Note🡪while doing **scanf us hould not have a space**

Do select

Scanf(%d %d)—used for splint operation –do select

Scanf( %d%d) – here the o/p got but generally fofr characyers and strings we wonts get the o/p

**Note note---🡪don’t add spaces before and after specifier and also u should not have \t (unprintable characters) in scanf**

We can also check whether the scanf is read or not by using the if condition like.. \_> **if (I<=0 )print (“it rnoy )ead”) else print(“stored”)**

Int I,j;

Int I,j

Char buffer[1098]

Char buffer[1098]

Scanf(“%d%d”,&I,&j)

Printf(“\ni=%d\tj=%d”,I,j)

Sprintf(buffer, “\ni=%d\tj=%d”,I,j ;

Printf(“s”,buffer);

Sprinf(buffer1,”%d”,i)

Print(“%s”,buffer1)

Atoi 🡨🡪itoa

Sayntax

Res = atoi(“2002”)+2

**UFORMATTED**

getc, putc ==read/write single char -> stream

get char,putchar->r/w/single char =>std i/o

gets,puts =>r/w foe a string -> stream

getch()=>DOS platform=>not echo read char on the screen

syntax of both

char ch char ch

ch = getc(stdin) ch = getchar()

putc(ch,stdout) putchar(ch)

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**CHAPTER 5**

**BRANCHING : checking the multiple conditions**

If 🡪 if (cond)

{

If block os stst

}

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If else 🡪if both statements are mandatory to execute

Nested if else 🡪 the inner condition depends on the outer condition here there is act of dependency

Syntax

If(con)

{

If(con) {

Printf();

}

Else {

Printf();

}

}

Else {

Printf();

}

} --

Else if ladder – float values , alpha numeric ,strings – but it takes time (becoz it have check all statements and the executes)

Switch statement – if it carried out with single constant or char

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**SWITCH CASE (duplicate cases are not exist)**

Switch(cond)

{

Case 1:

----

Break;

Case 2:

Break;

Default:

Break ;(we should u se break if we wont the nxt line will be also executed)

}

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After the gdb if it works all (exited normally )

Looping

1. Intialisation
2. Condition
3. Statemenets to be executed
4. Counter

3 types

1. Do while -- do{

Printf(“”);

}while(); q(why there is ; in the end of while in do while)

1. While – **if there is any looping issue for typing anything then there is pbl in scanf**
2. **Loop label and exit label – go to label then it iterates**
3. For 🡪

2 catogeries

1. entry control
2. exit control

A screen shot of a computer program

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