

Let's solve it

13

A  
B  
C

if  
{  
}  
else  
{  
}

Control flow 1 True

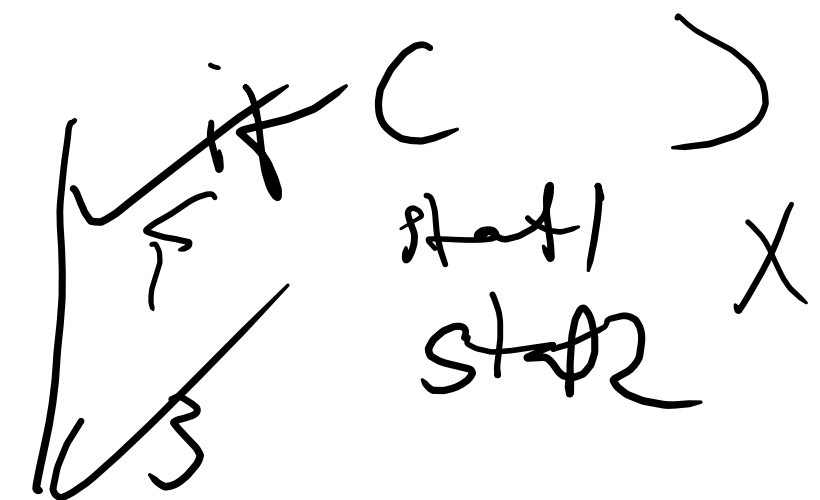
A if B C

control flow 2 False

A if ~~B~~ C

most of the time, in a function  
to handle special case  
before doing the whole actual  
logic, we may use `if`  
and `return`

```
if (condition)
{
    return;
}
```



The diagram illustrates two ways to use an `if` statement. On the left, a correct usage is shown: `if ( )` with a checkmark, followed by a block of code containing `return;`. On the right, an incorrect or less preferred usage is shown: `if ( )` with a checkmark, followed by a block of code containing `stat1` and `stat2`, which is then crossed out with a large 'X'.

function

if (special condition)

return

the rest of  
the logic

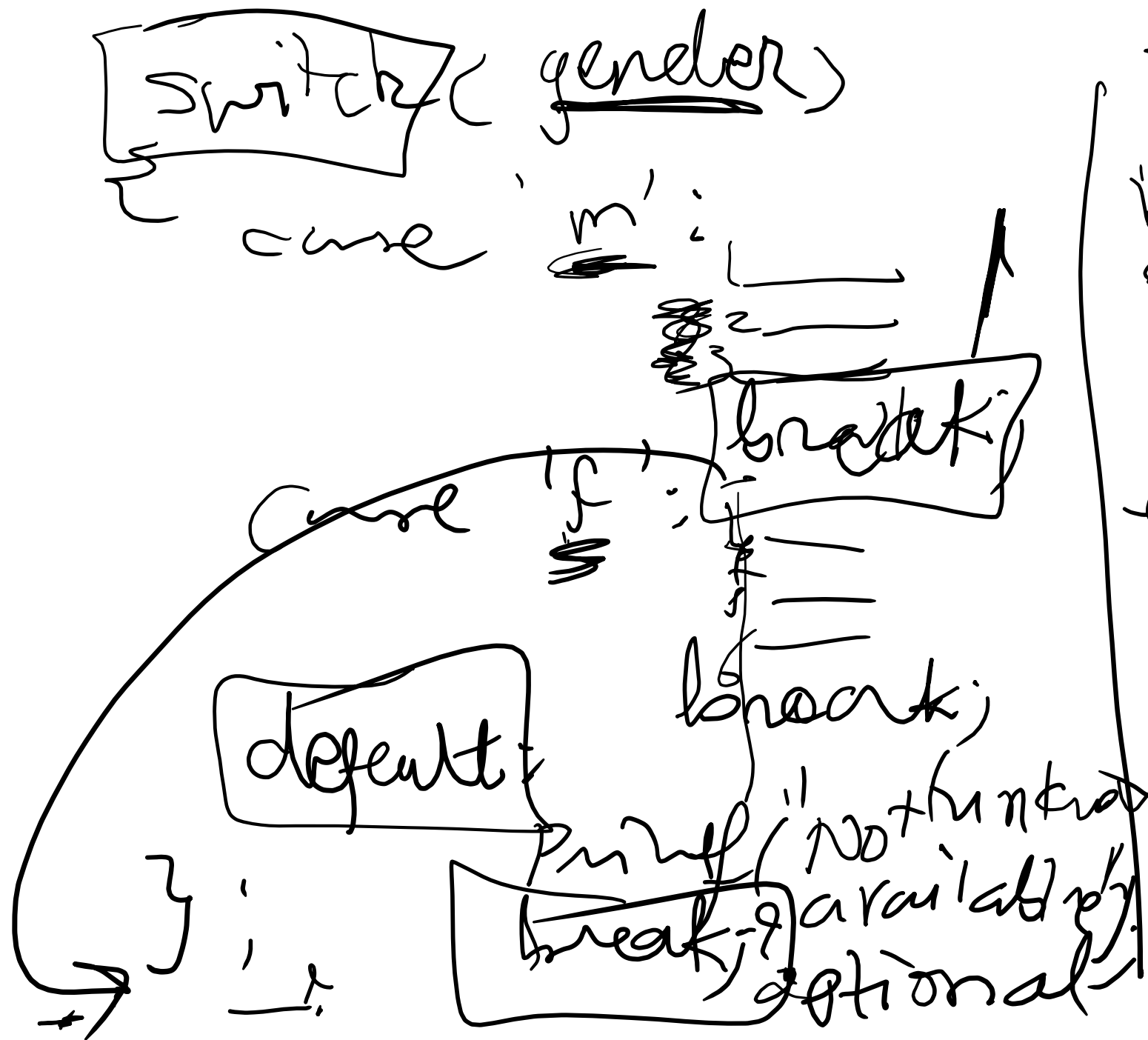
if (and)

return

else

the best

Extra



If else ladder

```
if (gender == 'm')  
{  
    _____  
    _____  
    _____  
}  
else if (gender == 'f')  
{  
    _____  
    _____  
    _____  
}
```

printf("unknown variable")