

### Math

==	equal to
!=	no equal to
<	less than
>	more than
<=	less than or equal to
>=	more than or equal to
%	Modulo, Find the remainder

### Addition

string + string	combine together
string + number	CRASH
number + number	Addition Math

### Convert to binary

```
user_number = ""
while user_number != '0':
    user_number = input("Enter a number to convert to binary")
    number = int(user_number)
    binary_string = ""
    while (number > 0):
        remainder = number%2
        binary_string = str(remainder)+ binary_string
        number = number//2
    print("Binary is", binary_string)
```

### Reverse Word

```
word = input("Please enter a word")
index = 0
reverse = ''
while int(index) < len(word):
    reverse = word[index] + (reverse)
    index = int(index) + 1
print("Reverse: ", reverse)
```

### Function

print()	Show information that you want on the screen
int()	Change number to be number integer
float()	Change number to be decimal number
input()	Gain information from user
str()	A list of number, letter and symbols
len()	The length of the string
#	Comment, no effect



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Published 12th February, 2016.  
Last updated 5th February, 2016.  
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