1. Python program to convert floating to binary

Code:

def float\_bin(number, places = 3):

whole, dec = str(number).split(".")

whole = int(whole)

dec = int (dec)

res = bin(whole).lstrip("0b") + "."

for x in range(places):

whole, dec = str((decimal\_converter(dec)) \* 2).split(".")

dec = int(dec)

res += whole

return res

def decimal\_converter(num):

while num > 1:

num /= 10

return num

#main

n = input("Enter your floating point value : \n")

p = int(input("Enter the number of decimal places of the result : \n"))

print(float\_bin(n, places = p))

Output:

