1. ****Python program to convert floating to binary.****

**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**

**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****

