

Write-up

Name :- Nilesh Giri

Mobile number :- 8956655771

email id:- girinilesh23@gmail.com

Question:- Program to input a number upto 5 digits and print it in words

Logic: As soon as the user enters the number the function is executed. Maximum eight digit number is allowed with decimals up to four digits. Three base arrays are defined in which words for the numbers are stored. Then an array is defined for the entered number and regular loops and if-else conditions are used to match the entered value with the string variable which returns the final output. For each entered digit it matches the condition and prints the value at the end. Split command is also used to separate the number which are after the decimal. For numbers after decimal, a while loop is used to store the value in the array and is called using if-else with different conditions. It is executed when the respective conditions are met.

Time taken for the designing was around an hour, for coding it was around 4-5 hours and for testing it was around 4 hours. I started looking for different cases that can be used and settled for this one. Testing and designing takes the majority of time as was using a try and error approach.