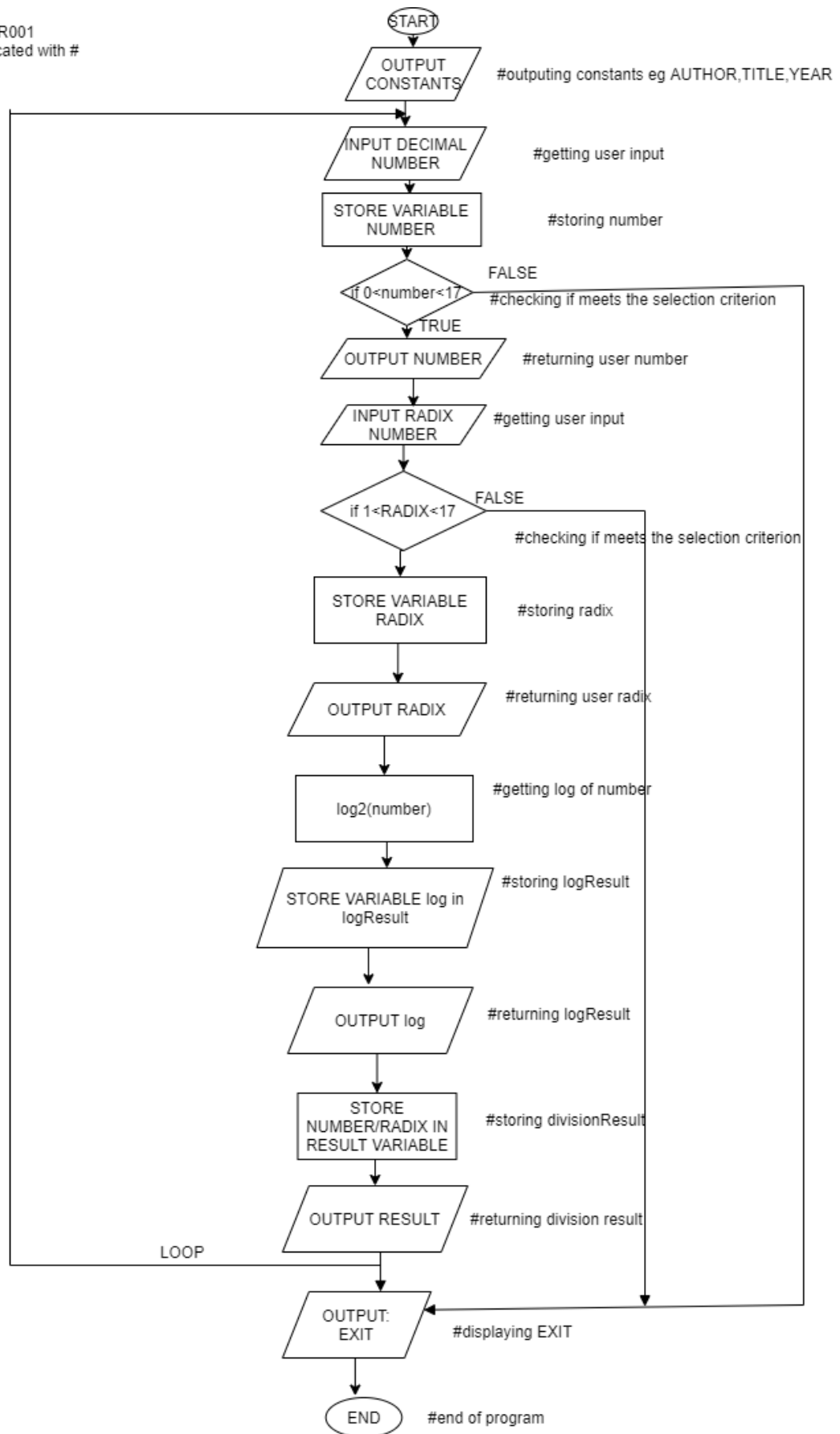


NYMTYR001 EEE2050F Pre-Practical 3

Flow Chart Below:

#NYMTYR001
Comments indicated with #



PSEUDOCODE for converting:

```
int i=0 //used for iteration
int dec; //decimal value
int radix; //radix value
charArray digits[100]; //char array storing bits
while dec greater than 0
{
    int rem=dec%radix; //getting remainder

    if rem greater than 10 //checking criterion
    {
        digits[i]='0'+rem; //adding to beginning of array
    }
    else
    {
        digits[i]='A'+(rem-10); //adding to beginning of array
    }
    dec=dec/radix; //new value of decimal value
    increment i i++; //increment for new position in array

    while(i--) //decrementing I hence reversing char array
    {
        printf %c,digits[i]; //output array
        printf new line;
    }
}
```