```
No 8 85 3
              Dailyflosh 7 August.
      count of digits.
      consider num = 1845, count =0.
                           (incldee)
           num!=0 . count++, num=num/10.
(inilization)
 num
                                num = 134
           1845!=0~
 1345
                                num = 13.
 134
           1341=0-
                             num = 1
                           3
            131=0~
   13
                                num = 0
            11,500
             01=07
   0
                  break
       count is (4)
P-2) Addition of even digit and mult of odd digits.
    consider num = 8976.
           sym = 01 mult=1
num
       num!=0 rem=num.10 if (rem 1.2=0) sum mult num ho
8976
     89761=0~ -89761.10 64-2=0 .6
                                               897
897 897!=0 = 8977.10 77z==0x x
                                               89
89
       891=0v =89.1.10 9.1.2==0x x
                =84.10 84.2==0V 14
8
       01=0, x(break)
0
       1. Sam = 14 |
mult = 63
```

av	, E. G.	4 (4,	182 l it 6 also	then break	I on	
		ibility by 74	685 6 18 6 082			
	track	o num	[] X000, \$67.6			
	num tr	ack track!	=10 num:7632=	=0 num:1.6==0 (break)	else (sop	num
	1 224 0	0=10	014582119.7==0X	*****X	× 45	2
	2	0 0 = 10	24.7 ==0X	*	~	3
	3	0 01=10	3%,7==0X	A A STATE OF THE S	*	4
	4	0 0 1 = 10	47.7 == 6X	×	×	5
						45
	(ob 02	a califolic L	first Mumber divisi	ble by 7 (32)	not a	1
	24 O	01:10	2247.7==014	224.1.6==0X	224	228
nho	(After that 448 P	4:1=10	4481.9==0 & 4481.32==0'	- ×	448	449
)	672 2	2 = 10	6724.7=0 66	6721.6=20		1900
				break the loop		200
				3		
	output i	672				
					(0=10	9
				= mostrag		

```
p-4) maximum number.
  consider num = 4582, max = 0.
num num!=0 max rem=numino it(remmax) num!=1
4532 45321=0~ 0 rem = 45327.10 270~ 453
            2 70- =2
                          372~ 45
483 453 |= 0 × 3 rem = 3
 45 45!=0~ 05 rem=5 573~ 4.
    4 5=0 5 rem=4 4>5 X
    01=0 x Foreak.
   1 output: max =5
P-5) average of all digits. :- Fixt calculate sum.
   num = 5632.
num numi=0 rem=numvito sum +=rom coant++ num/=10.
                           .583
5632 5632 = OV 2 + 3
563 5631=0~ 3
                        2
                                 56
                    5
                11
                         3
                                  5
56 56 1=0 6
                          72
                   T16)
 5 51=0 5
0 01=0x Tbreak
  arg = sum/count = 16/4 = 4.0.
```