* **Call by value(functions)**

**prime factors of a number**

#include<stdio.h>

int prime(int i);

int main()

{

int i,j,k,c;

printf("enter a number\n");

scanf("%d",&k);

c=prime(k);

return 0;

}

int prime(int i)

{

int j;

printf("prime factors are:\n");

for(j=2;j<=i;j++)

{

while(i%j==0)

{

if(i%j!=0)

{

break;

}

else

{

i=i/j;

printf("%d\n",j);

}

}

}

}



