



als)

main.c

```
1  #include <stdio.h>
2  #include <stdlib.h>
3
4  /* run this program using the console pauser or a
5
6  int main(int argc, char *argv[]) {
7      int a[10], number;
8      for(int i = 0; i < 10; i++){
9          printf("enter a number");
10         scanf("%d",&a[i]);
11         if(a[i] != -1){
12             printf("%d\n", a[i]*a[i]);
13         }
14         else
15             break;
16
17         return 0;
18     }
19 }
```


main.c

```
1  #include <stdio.h>
2  #include <math.h>
3
4  /* run this program using the console pauser
5
6  void main(int argc, char *argv[]) {
7      int a[5], number, digit, i;
8      printf("enter a numbr");
9      scanf("%d", &number);
10     for( i = 0; i < 5; i++)
11     {
12         digit=number%10;
13         a[i]=digit;
14         number=number/10;
15
16     }
17     for ( i = 1; i <= 5; i++)
18     {
19         printf("%d,", a[5-i]);
20     }
21
22 }
23
```




s)

main.c

```
1  #include <stdio.h>
2  #include <math.h>
3
4  /* run this program using the console pauser or ac
5
6  void main(int argc, char *argv[]) {
7      int a[10], number, digit, i;
8      for(i = 0; i <= 10; i++)
9      {
10         printf("enter a number");
11         scanf("%d",&number);
12         a[i]=number;
13
14     }
15     for(i = 1; i <= 10; i++)
16     {
17         printf("%d,",a[10-i]);
18     }
19
20
21 }
22
```