C lab 09 2023.06.26

3)
```c
#include<stdio.h>
int main()
{
 int number;
 int i=1,factoria1=1;
 printf("enter number");
 scanf("%d",&number);

 while(i<=number)  {
      factoria1*=i;
      i++;
 }1;
 printf("factorial is %d",factoria1);
}
```

4)
```c
) #include<stdio.h>
int main()
{
 int number;
 int sum=0;
 printf("enter number");
 scanf("%d",&number);

 while(number !=0)  {
      sum+=number %10;
      number/=10;

 }
 printf("sum of all digit is %d\n",sum );
}
```

5)
```c
#include<stdio.h>
int main()
{
 int number,reminder;
 int sum=0;
 printf("enter number");
 scanf("%d",&number);

 while(number !=0)  {
      reminder=number %10;
      sum+=reminder;
      number=number/10;

 }
 printf("sum of all digit is %d\n",sum );
}
```

5)
```c
#include <stdio.h>

int main() {
    int num, reversedNum = 0, remainder;

    printf("Enter a number: ");
    scanf("%d", &num);

    do {
        remainder = num % 10;
        reversedNum = reversedNum * 10 + remainder;
        num = num / 10;
    } while (num != 0);
    printf("Reversed number: %d\n", reversedNum);

    return 0;
}
```