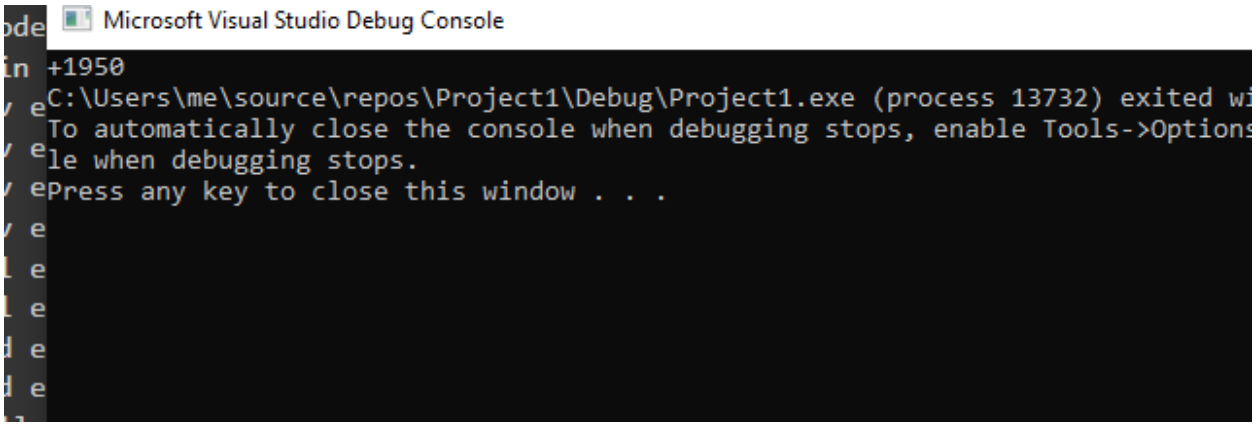
Muhammad Mufeez

BCS-3J

Coal Lab 09

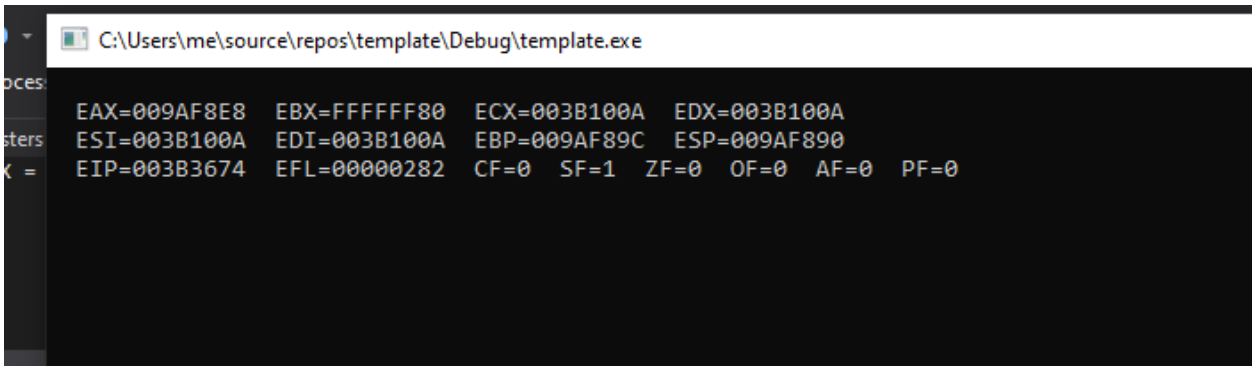
Q1:

Output:



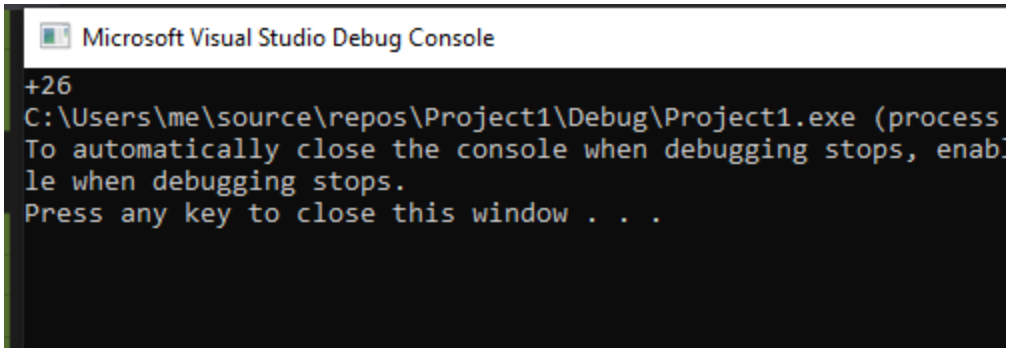
Q2:

Output:



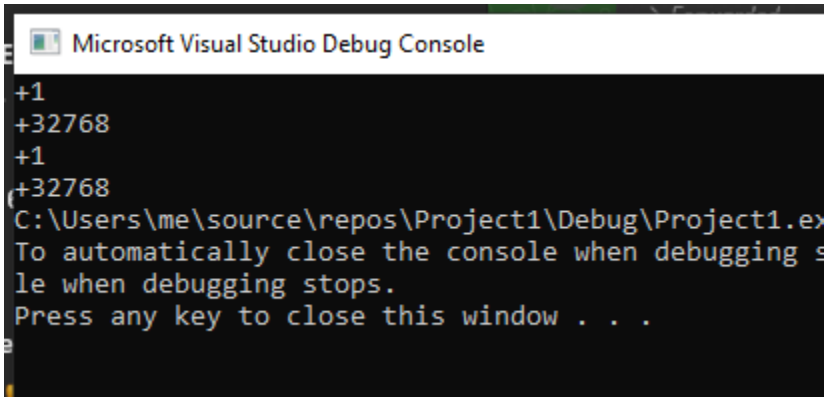
Q3:

Output:



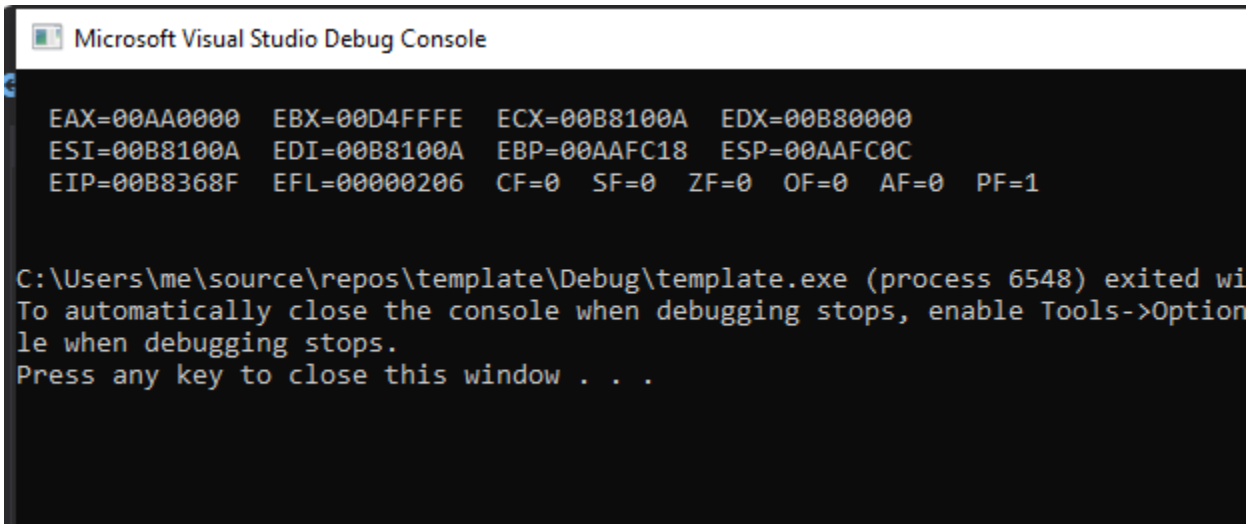
Q4:

Output:



Q5:

Output:



Q6:

Output:

```
EAX=5C0EFF99  EBX=00893478  ECX=54879823  EDX=00893478
ESI=00BD100A  EDI=00BD100A  EBP=00AFF8E8  ESP=00AFF8DC
EIP=00BD368C  EFL=00000206  CF=0  SF=0  ZF=0  OF=0  AF=0  PF=1
```

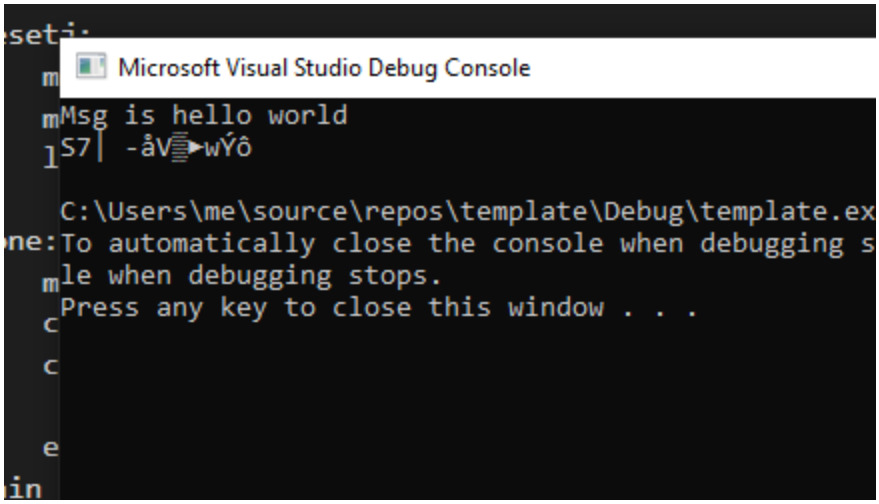
Q7:

Output:

```
8

  EAX=00000004  EBX=00000008  ECX=00000004  EDX=00000000
  ESI=00DA100A  EDI=00DA100A  EBP=00D1F7D8  ESP=00D1F7C8
  EIP=00DA3697  EFL=00000202  CF=0  SF=0  ZF=0  OF=0  AF=0  PF=0

the number is not prime
2

  EAX=00000001  EBX=00000002  ECX=00000001  EDX=00000000
  ESI=00DA100A  EDI=00DA100A  EBP=00D1F7D8  ESP=00D1F7C8
  EIP=00DA3697  EFL=00000202  CF=0  SF=0  ZF=0  OF=0  AF=0  PF=0

the number is prime
32

  EAX=00000010  EBX=00000020  ECX=00000010  EDX=00000000
  ESI=00DA100A  EDI=00DA100A  EBP=00D1F7D8  ESP=00D1F7C8
  EIP=00DA3697  EFL=00000202  CF=0  SF=0  ZF=0  OF=0  AF=0  PF=0

the number is not prime
13

  EAX=00000006  EBX=0000000D  ECX=00000006  EDX=00000001
  ESI=00DA100A  EDI=00DA100A  EBP=00D1F7D8  ESP=00D1F7C8
  EIP=00DA3697  EFL=00000202  CF=0  SF=0  ZF=0  OF=0  AF=0  PF=0

the number is prime
```

Q8:

Output:


Microsoft Visual Studio Debug Console
Msg is hello world
C:\Users\me\source\repos\template\Debug\template.ex
To automatically close the console when debugging s
le when debugging stops.
Press any key to close this window . . .