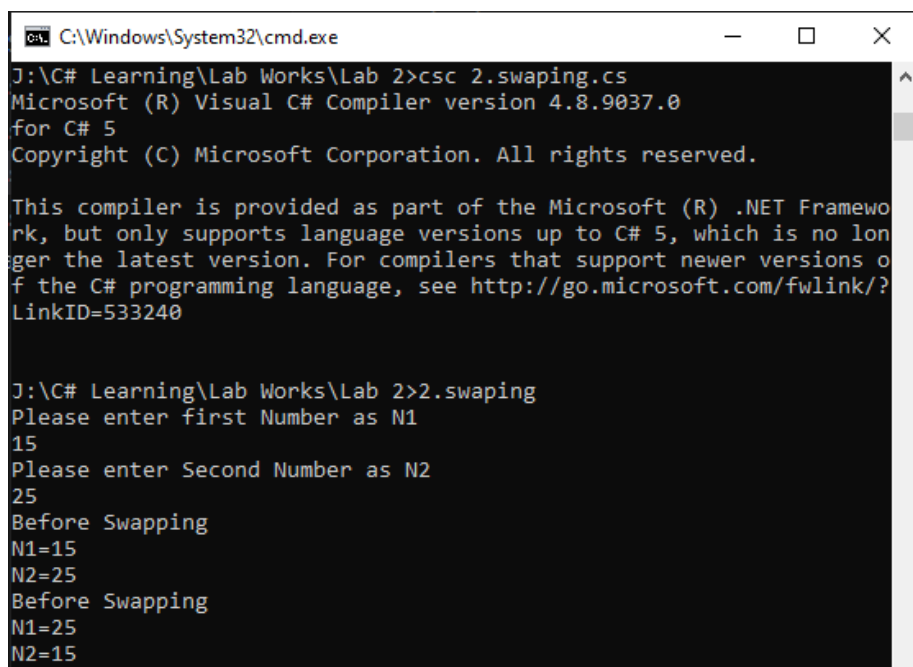


```
C:\Windows\System32\cmd.exe

J:\C# Learning\Lab Works\Lab 2>csc 1.swaping.cs
Microsoft (R) Visual C# Compiler version 4.8.9037.0
for C# 5
Copyright (C) Microsoft Corporation. All rights reserved.

This compiler is provided as part of the Microsoft (R) .NET Framework, but only supports language versions up to C# 5, which is no longer the latest version. For compilers that support newer versions of the C# programming language, see http://go.microsoft.com/fwlink/?LinkID=533240

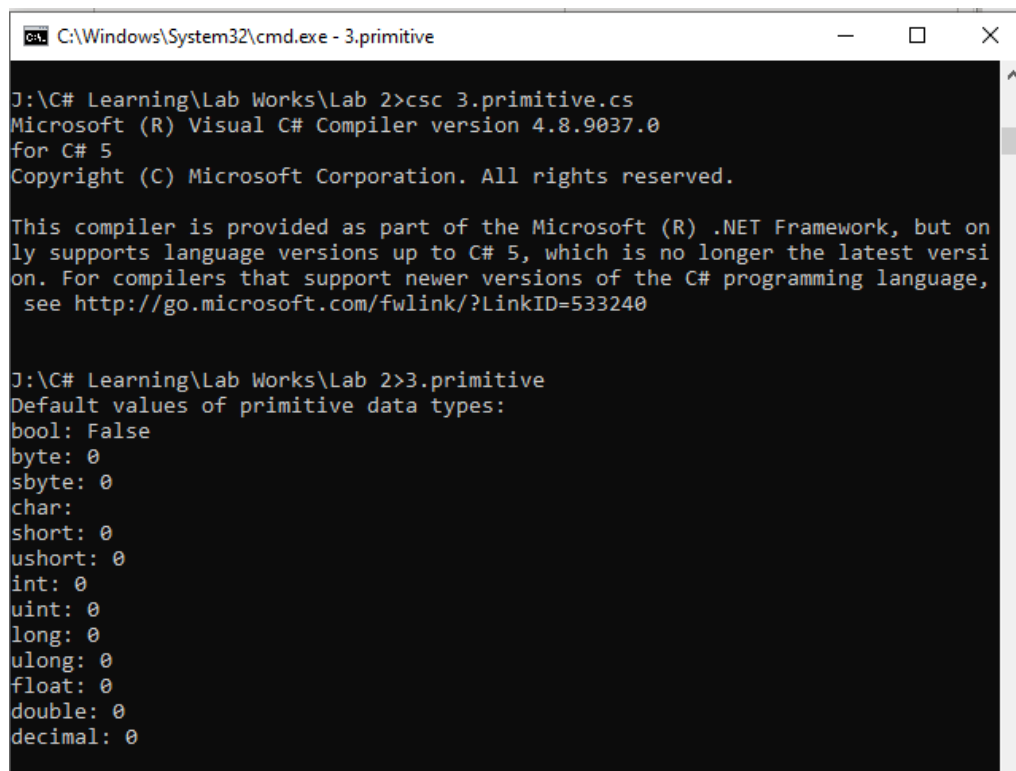
J:\C# Learning\Lab Works\Lab 2>1.swaping
Please enter first Number as N1
20
Please enter Second Number as N2
30
Before Swapping
N1=20
N2=30
Before Swapping
N1=30
N2=20
```



```
C:\Windows\System32\cmd.exe
J:\C# Learning\Lab Works\Lab 2>csc 2.swaping.cs
Microsoft (R) Visual C# Compiler version 4.8.9037.0
for C# 5
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J:\C# Learning\Lab Works\Lab 2>2.swaping
Please enter first Number as N1
15
Please enter Second Number as N2
25
Before Swapping
N1=15
N2=25
Before Swapping
N1=25
N2=15
```

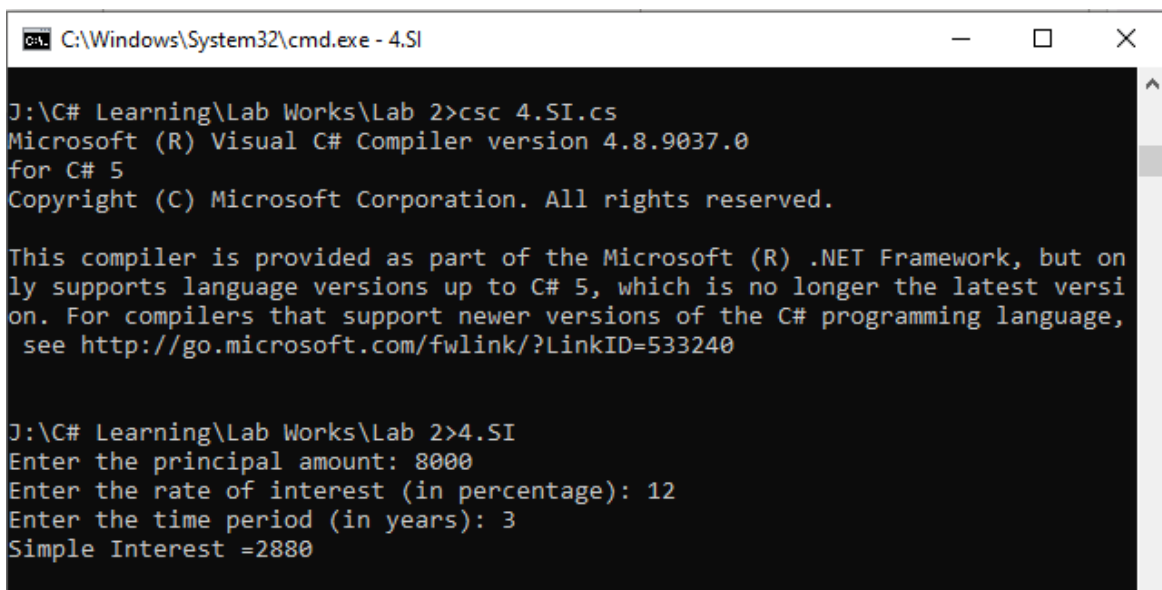


```
C:\Windows\System32\cmd.exe - 3.primitive

J:\C# Learning\Lab Works\Lab 2>csc 3.primitive.cs
Microsoft (R) Visual C# Compiler version 4.8.9037.0
for C# 5
Copyright (C) Microsoft Corporation. All rights reserved.

This compiler is provided as part of the Microsoft (R) .NET Framework, but on
ly supports language versions up to C# 5, which is no longer the latest versi
on. For compilers that support newer versions of the C# programming language,
 see http://go.microsoft.com/fwlink/?LinkID=533240

J:\C# Learning\Lab Works\Lab 2>3.primitive
Default values of primitive data types:
bool: False
byte: 0
sbyte: 0
char: 0
short: 0
ushort: 0
int: 0
uint: 0
long: 0
ulong: 0
float: 0
double: 0
decimal: 0
```

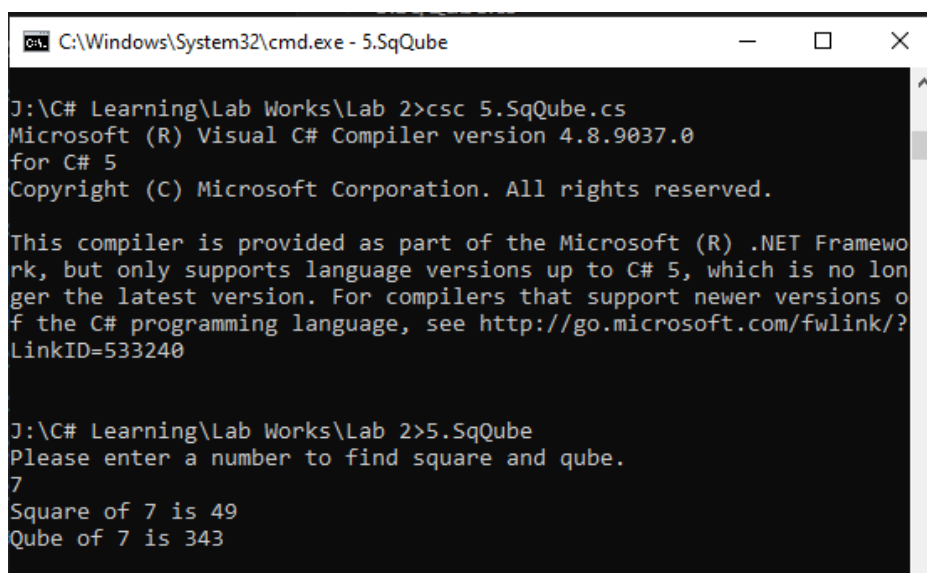


```
C:\Windows\System32\cmd.exe - 4.SI

J:\C# Learning\Lab Works\Lab 2>csc 4.SI.cs
Microsoft (R) Visual C# Compiler version 4.8.9037.0
for C# 5
Copyright (C) Microsoft Corporation. All rights reserved.

This compiler is provided as part of the Microsoft (R) .NET Framework, but on
ly supports language versions up to C# 5, which is no longer the latest versi
on. For compilers that support newer versions of the C# programming language,
 see http://go.microsoft.com/fwlink/?LinkID=533240

J:\C# Learning\Lab Works\Lab 2>4.SI
Enter the principal amount: 8000
Enter the rate of interest (in percentage): 12
Enter the time period (in years): 3
Simple Interest =2880
```

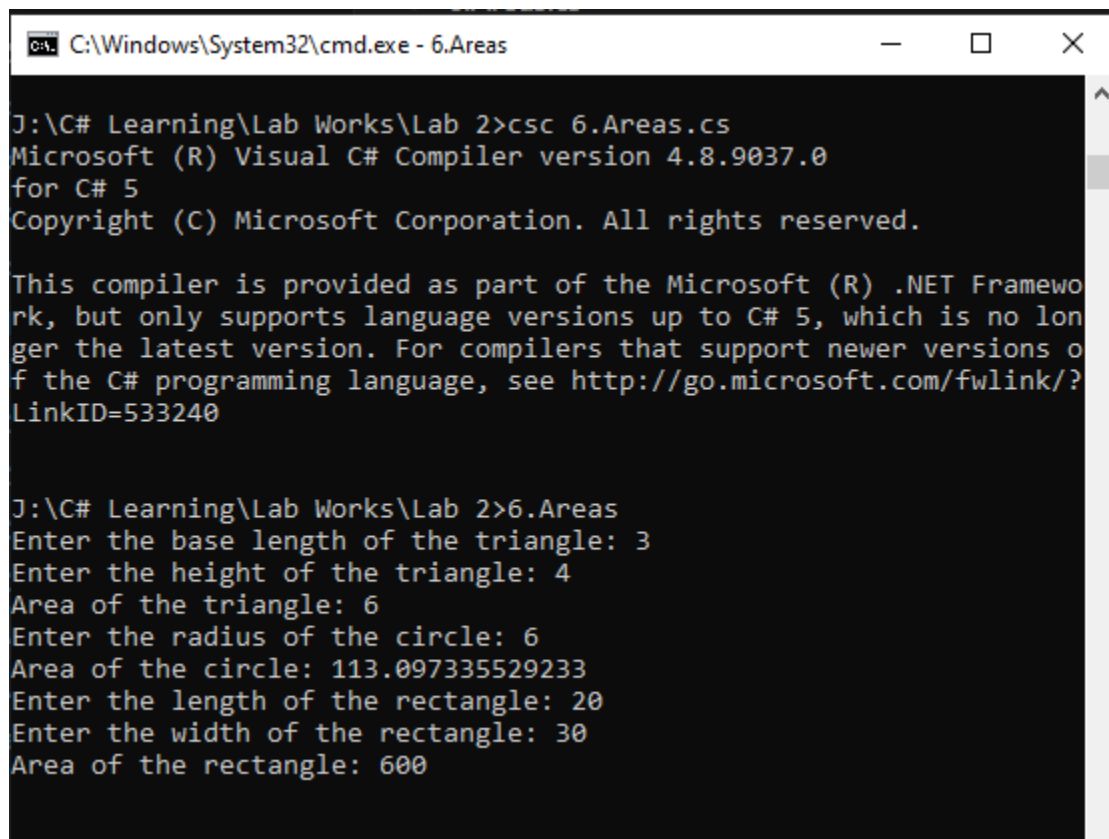


```
C:\Windows\System32\cmd.exe - 5.SqQube

J:\C# Learning\Lab Works\Lab 2>csc 5.SqQube.cs
Microsoft (R) Visual C# Compiler version 4.8.9037.0
for C# 5
Copyright (C) Microsoft Corporation. All rights reserved.

This compiler is provided as part of the Microsoft (R) .NET Framework,
but only supports language versions up to C# 5, which is no longer the
latest version. For compilers that support newer versions of the C#
programming language, see http://go.microsoft.com/fwlink/?LinkID=533240

J:\C# Learning\Lab Works\Lab 2>5.SqQube
Please enter a number to find square and qube.
7
Square of 7 is 49
Qube of 7 is 343
```



```
C:\Windows\System32\cmd.exe - 6.Areas

J:\C# Learning\Lab Works\Lab 2>csc 6.Areas.cs
Microsoft (R) Visual C# Compiler version 4.8.9037.0
for C# 5
Copyright (C) Microsoft Corporation. All rights reserved.

This compiler is provided as part of the Microsoft (R) .NET Framework,
but only supports language versions up to C# 5, which is no longer the
latest version. For compilers that support newer versions of the C#
programming language, see http://go.microsoft.com/fwlink/?LinkID=533240

J:\C# Learning\Lab Works\Lab 2>6.Areas
Enter the base length of the triangle: 3
Enter the height of the triangle: 4
Area of the triangle: 6
Enter the radius of the circle: 6
Area of the circle: 113.097335529233
Enter the length of the rectangle: 20
Enter the width of the rectangle: 30
Area of the rectangle: 600
```

```
C:\Windows\System32\cmd.exe - 7.OddOreven

J:\C# Learning\Lab Works\Lab 2>csc 7.OddOreven.cs
Microsoft (R) Visual C# Compiler version 4.8.9037.0
for C# 5
Copyright (C) Microsoft Corporation. All rights reserved.

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J:\C# Learning\Lab Works\Lab 2>7.OddOreven
Please enter a number to check if it's odd or even:
8
8 is an even number

J:\C# Learning\Lab Works\Lab 2>7.OddOreven
Please enter a number to check if it's odd or even:
3
3 is an odd number.
```

```
C:\Windows\System32\cmd.exe - 8.Voter

J:\C# Learning\Lab Works\Lab 2>csc 8.Voter.cs
Microsoft (R) Visual C# Compiler version 4.8.9037.0
for C# 5
Copyright (C) Microsoft Corporation. All rights reserved.

This compiler is provided as part of the Microsoft (R) .NET Framework, but on
ly supports language versions up to C# 5, which is no longer the latest versi
on. For compilers that support newer versions of the C# programming language,
see http://go.microsoft.com/fwlink/?LinkID=533240

J:\C# Learning\Lab Works\Lab 2>8.Voter
What is your age?
22
You are voter.

J:\C# Learning\Lab Works\Lab 2>8.Voter
What is your age?
16
You are not eligible for vote.
```



C:\Windows\System32\cmd.exe

J:\C# Learning\Lab Works\lab2>csc 9.fever.cs

Microsoft (R) Visual C# Compiler version 4.8.9037.0  
for C# 5

Copyright (C) Microsoft Corporation. All rights reserved.

This compiler is provided as part of the Microsoft (R) .NET Framework, but only supports language versions up to C# 5, which is no longer the latest version. For compilers that support newer versions of the C# programming language, see <http://go.microsoft.com/fwlink/?LinkID=533240>

J:\C# Learning\Lab Works\lab2>9.fever

Enter the temperature reading in Celsius:

39

The person has a fever.

```
C:\Windows\System32\cmd.exe
J:\C# Learning\Lab Works\lab2>csc 10.grade.cs
Microsoft (R) Visual C# Compiler version 4.8.9037.0
for C# 5
Copyright (C) Microsoft Corporation. All rights reserved.

This compiler is provided as part of the Microsoft (R) .NET Framework, but only supports language versions up to C# 5, which is no longer the latest version. For compilers that support newer versions of the C# programming language, see http://go.microsoft.com/fwlink/?LinkID=533240

J:\C# Learning\Lab Works\lab2>10.grade
Enter the marks obtained by the student:
75
Grade: C
```

```
C:\Windows\System32\cmd.exe

J:\C# Learning\Lab Works\lab2>11.PositiveOrNegative.cs

J:\C# Learning\Lab Works\lab2>csc 11.PositiveOrNegative.cs
Microsoft (R) Visual C# Compiler version 4.8.9037.0
for C# 5
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This compiler is provided as part of the Microsoft (R) .NET Framework
, but only supports language versions up to C# 5, which is no longer
the latest version. For compilers that support newer versions of the
C# programming language, see http://go.microsoft.com/fwlink/?LinkID=533240

J:\C# Learning\Lab Works\lab2>11.PositiveOrNegative
Enter a number:
-8
The number is negative.

J:\C# Learning\Lab Works\lab2>11.PositiveOrNegative
Enter a number:
7
The number is positive.
```

```
C:\Windows\System32\cmd.exe

J:\C# Learning\Lab Works\lab2>csc 12.Largest.cs
Microsoft (R) Visual C# Compiler version 4.8.9037.0
for C# 5
Copyright (C) Microsoft Corporation. All rights reserved.

This compiler is provided as part of the Microsoft (R) .NET Framework
, but only supports language versions up to C# 5, which is no longer
the latest version. For compilers that support newer versions of the
C# programming language, see http://go.microsoft.com/fwlink/?LinkID=533240

J:\C# Learning\Lab Works\lab2>12.Largest
Enter three numbers:
12
10
15
The largest number is: 15
```

```
C:\Windows\System32\cmd.exe
J:\C# Learning\Lab Works\lab2>csc 13.OddOrEven.cs
Microsoft (R) Visual C# Compiler version 4.8.9037.0
for C# 5
Copyright (C) Microsoft Corporation. All rights reserved.

This compiler is provided as part of the Microsoft (R) .NET Framework, but only supports language versions up to
C# 5, which is no longer the latest version. For compilers that support newer versions of the C# programming la
nguage, see http://go.microsoft.com/fwlink/?LinkID=533240

J:\C# Learning\Lab Works\lab2>13.OddOrEven
Even numbers between 1 and 500:
2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78
80 82 84 86 88 90 92 94 96 98 100 102 104 106 108 110 112 114 116 118 120 122 124 126 128 130 132 134 136 138 1
40 142 144 146 148 150 152 154 156 158 160 162 164 166 168 170 172 174 176 178 180 182 184 186 188 190 192 194 1
96 198 200 202 204 206 208 210 212 214 216 218 220 222 224 226 228 230 232 234 236 238 240 242 244 246 248 250 2
52 254 256 258 260 262 264 266 268 270 272 274 276 278 280 282 284 286 288 290 292 294 296 298 300 302 304 306 3
08 310 312 314 316 318 320 322 324 326 328 330 332 334 336 338 340 342 344 346 348 350 352 354 356 358 360 362 3
64 366 368 370 372 374 376 378 380 382 384 386 388 390 392 394 396 398 400 402 404 406 408 410 412 414 416 418 4
20 422 424 426 428 430 432 434 436 438 440 442 444 446 448 450 452 454 456 458 460 462 464 466 468 470 472 474 4
76 478 480 482 484 486 488 490 492 494 496 498 500

Odd numbers between 1 and 500:
1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53 55 57 59 61 63 65 67 69 71 73 75 77
79 81 83 85 87 89 91 93 95 97 99 101 103 105 107 109 111 113 115 117 119 121 123 125 127 129 131 133 135 137 139
141 143 145 147 149 151 153 155 157 159 161 163 165 167 169 171 173 175 177 179 181 183 185 187 189 191 193 195
197 199 201 203 205 207 209 211 213 215 217 219 221 223 225 227 229 231 233 235 237 239 241 243 245 247 249 251
253 255 257 259 261 263 265 267 269 271 273 275 277 279 281 283 285 287 289 291 293 295 297 299 301 303 305 307
309 311 313 315 317 319 321 323 325 327 329 331 333 335 337 339 341 343 345 347 349 351 353 355 357 359 361 363
365 367 369 371 373 375 377 379 381 383 385 387 389 391 393 395 397 399 401 403 405 407 409 411 413 415 417 419
421 423 425 427 429 431 433 435 437 439 441 443 445 447 449 451 453 455 457 459 461 463 465 467 469 471 473 475
477 479 481 483 485 487 489 491 493 495 497 499
```

```
C:\Windows\System32\cmd.exe
J:\C# Learning\Lab Works\lab2>csc 14.ArrayOddEven.cs
Microsoft (R) Visual C# Compiler version 4.8.9037.0
for C# 5
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C# 5, which is no longer the latest version. For compilers that support newer versions of the C# programming la
nguage, see http://go.microsoft.com/fwlink/?LinkID=533240

J:\C# Learning\Lab Works\lab2>14.ArrayOddEven
Original Array:
3 16 70 64 5 68 7 80 24 37 31 78 72 14 88 94 5 77 90 68

Even Numbers:
16 70 64 68 80 24 78 72 14 88 94 90 68

Odd Numbers:
3 5 7 37 31 5 77
```

C:\Windows\System32\cmd.exe

```
J:\C# Learning\Lab Works\lab2>csc 15.MultiplicationT.cs
Microsoft (R) Visual C# Compiler version 4.8.9037.0
for C# 5
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```

This compiler is provided as part of the Microsoft (R) .NET Framework, but only supports language versions up to C# 5, which is no longer the latest version. For compilers that support newer versions of the C# programming language, see <http://go.microsoft.com/fwlink/?LinkID=533240>

```
J:\C# Learning\Lab Works\lab2>15.MultiplicationT
Multiplication table for 1:
```

```
1 * 1 = 1
1 * 2 = 2
1 * 3 = 3
1 * 4 = 4
1 * 5 = 5
1 * 6 = 6
1 * 7 = 7
1 * 8 = 8
1 * 9 = 9
1 * 10 = 10
```

```
Multiplication table for 2:
```

```
2 * 1 = 2
2 * 2 = 4
2 * 3 = 6
2 * 4 = 8
2 * 5 = 10
2 * 6 = 12
2 * 7 = 14
2 * 8 = 16
2 * 9 = 18
2 * 10 = 20
```

```
Multiplication table for 3:
```

```
3 * 1 = 3
3 * 2 = 6
3 * 3 = 9
3 * 4 = 12
3 * 5 = 15
3 * 6 = 18
3 * 7 = 21
3 * 8 = 24
3 * 9 = 27
3 * 10 = 30
```

```
Multiplication table for 4:
```

```
4 * 1 = 4
4 * 2 = 8
4 * 3 = 12
4 * 4 = 16
4 * 5 = 20
4 * 6 = 24
4 * 7 = 28
4 * 8 = 32
4 * 9 = 36
4 * 10 = 40
```

```
Multiplication table for 5:
```

```
5 * 1 = 5
5 * 2 = 10
5 * 3 = 15
5 * 4 = 20
5 * 5 = 25
5 * 6 = 30
5 * 7 = 35
5 * 8 = 40
5 * 9 = 45
5 * 10 = 50
```

```
Multiplication table for 6:
```

```
6 * 1 = 6
6 * 2 = 12
6 * 3 = 18
6 * 4 = 24
6 * 5 = 30
6 * 6 = 36
6 * 7 = 42
6 * 8 = 48
6 * 9 = 54
6 * 10 = 60
```

```
Multiplication table for 7:
```

```
7 * 1 = 7
7 * 2 = 14
7 * 3 = 21
7 * 4 = 28
7 * 5 = 35
7 * 6 = 42
7 * 7 = 49
7 * 8 = 56
7 * 9 = 63
7 * 10 = 70
```

```
Multiplication table for 8:
```

```
8 * 1 = 8
8 * 2 = 16
8 * 3 = 24
8 * 4 = 32
8 * 5 = 40
8 * 6 = 48
8 * 7 = 56
8 * 8 = 64
8 * 9 = 72
8 * 10 = 80
```

```
Multiplication table for 9:
```

```
9 * 1 = 9
9 * 2 = 18
9 * 3 = 27
9 * 4 = 36
9 * 5 = 45
9 * 6 = 54
9 * 7 = 63
9 * 8 = 72
9 * 9 = 81
9 * 10 = 90
```

```
Multiplication table for 10:
```

```
10 * 1 = 10
10 * 2 = 20
10 * 3 = 30
10 * 4 = 40
10 * 5 = 50
10 * 6 = 60
10 * 7 = 70
10 * 8 = 80
10 * 9 = 90
10 * 10 = 100
```

```
Multiplication table for 11:
```

```
11 * 1 = 11
11 * 2 = 22
11 * 3 = 33
11 * 4 = 44
11 * 5 = 55
11 * 6 = 66
11 * 7 = 77
11 * 8 = 88
11 * 9 = 99
11 * 10 = 110
```

```
Multiplication table for 12:
```

```
12 * 1 = 12
12 * 2 = 24
12 * 3 = 36
12 * 4 = 48
12 * 5 = 60
12 * 6 = 72
12 * 7 = 84
12 * 8 = 96
12 * 9 = 108
12 * 10 = 120
```

```
Multiplication table for 13:
```

```
13 * 1 = 13
13 * 2 = 26
13 * 3 = 39
13 * 4 = 52
13 * 5 = 65
13 * 6 = 78
13 * 7 = 91
13 * 8 = 104
13 * 9 = 117
13 * 10 = 130
```

```
Multiplication table for 14:
```

```
14 * 1 = 14
14 * 2 = 28
14 * 3 = 42
14 * 4 = 56
14 * 5 = 70
14 * 6 = 84
14 * 7 = 98
14 * 8 = 112
14 * 9 = 126
14 * 10 = 140
```

```
Multiplication table for 15:
```

```
15 * 1 = 15
15 * 2 = 30
15 * 3 = 45
15 * 4 = 60
15 * 5 = 75
15 * 6 = 90
15 * 7 = 105
15 * 8 = 120
15 * 9 = 135
15 * 10 = 150
```

```
Multiplication table for 16:
```

```
16 * 1 = 16
16 * 2 = 32
16 * 3 = 48
16 * 4 = 64
16 * 5 = 80
16 * 6 = 96
16 * 7 = 112
16 * 8 = 128
16 * 9 = 144
16 * 10 = 160
```

```
Multiplication table for 17:
```

```
17 * 1 = 17
17 * 2 = 34
17 * 3 = 51
17 * 4 = 68
17 * 5 = 85
17 * 6 = 102
17 * 7 = 119
17 * 8 = 136
17 * 9 = 153
17 * 10 = 170
```

```
Multiplication table for 18:
```

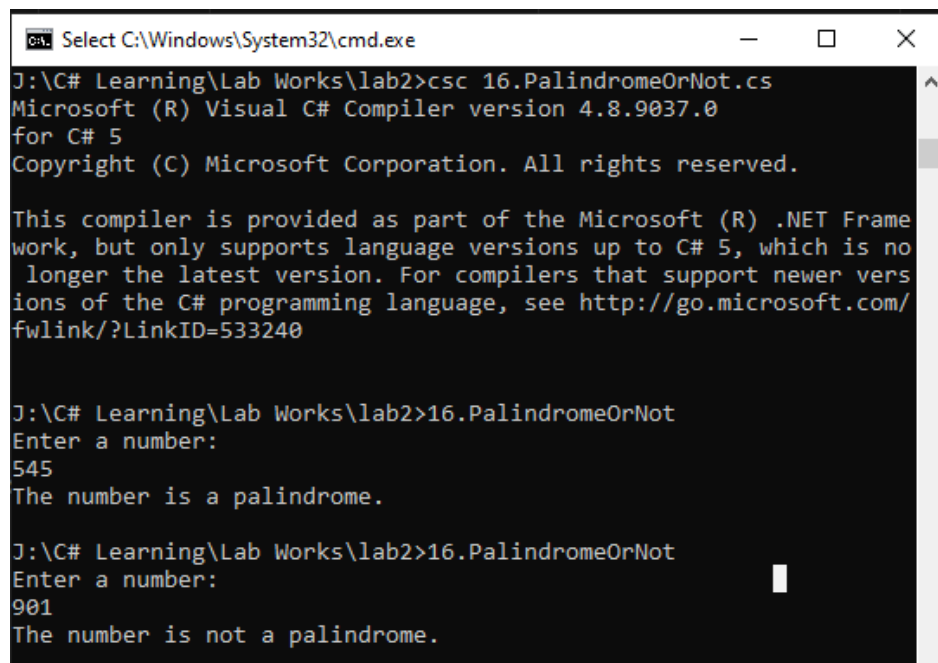
```
18 * 1 = 18
18 * 2 = 36
18 * 3 = 54
18 * 4 = 72
18 * 5 = 90
18 * 6 = 108
18 * 7 = 126
18 * 8 = 144
18 * 9 = 162
18 * 10 = 180
```

```
Multiplication table for 19:
```

```
19 * 1 = 19
19 * 2 = 38
19 * 3 = 57
19 * 4 = 76
19 * 5 = 95
19 * 6 = 114
19 * 7 = 133
19 * 8 = 152
19 * 9 = 171
19 * 10 = 190
```

```
Multiplication table for 20:
```

```
20 * 1 = 20
20 * 2 = 40
20 * 3 = 60
20 * 4 = 80
20 * 5 = 100
20 * 6 = 120
20 * 7 = 140
20 * 8 = 160
20 * 9 = 180
20 * 10 = 200
```



```
C:\> Select C:\Windows\System32\cmd.exe

J:\C# Learning\Lab Works\lab2>csc 16.PalindromeOrNot.cs
Microsoft (R) Visual C# Compiler version 4.8.9037.0
for C# 5
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This compiler is provided as part of the Microsoft (R) .NET Frame
work, but only supports language versions up to C# 5, which is no
 longer the latest version. For compilers that support newer vers
ions of the C# programming language, see http://go.microsoft.com/
fwlink/?LinkID=533240

J:\C# Learning\Lab Works\lab2>16.PalindromeOrNot
Enter a number:
545
The number is a palindrome.

J:\C# Learning\Lab Works\lab2>16.PalindromeOrNot
Enter a number:
901
The number is not a palindrome.
```



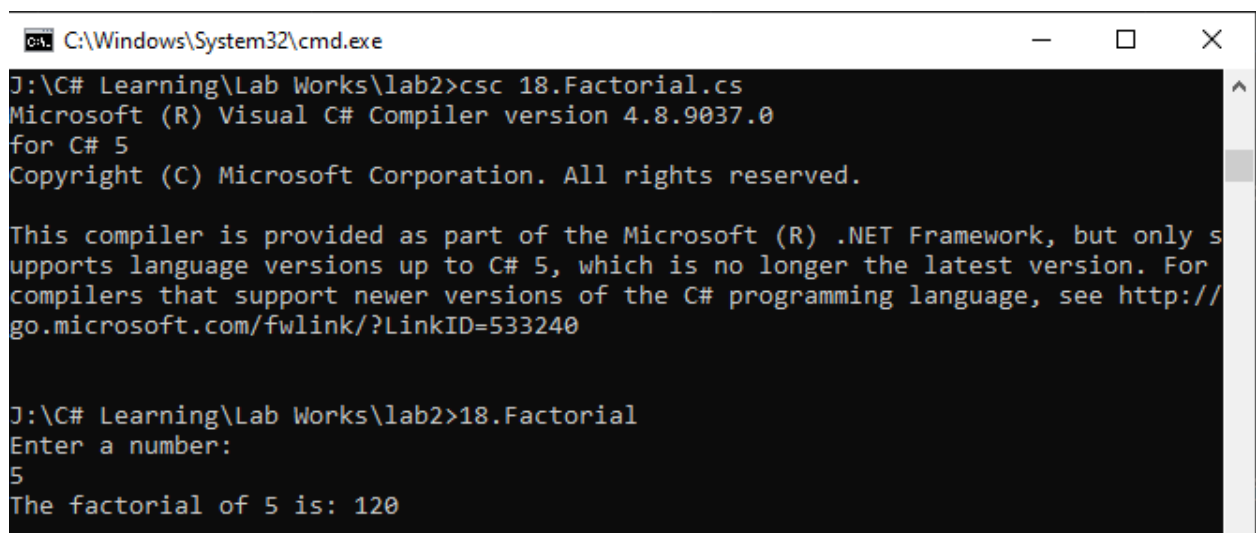
```
C:\Windows\System32\cmd.exe

J:\C# Learning\Lab Works\lab2>csc 17.Armstrong.cs
Microsoft (R) Visual C# Compiler version 4.8.9037.0
for C# 5
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upports language versions up to C# 5, which is no longer the latest version. For
compilers that support newer versions of the C# programming language, see http://
go.microsoft.com/fwlink/?LinkID=533240

J:\C# Learning\Lab Works\lab2>17.Armstrong
Enter a number:
153
The number is an Armstrong number.

J:\C# Learning\Lab Works\lab2>17.Armstrong
Enter a number:
672
The number is not an Armstrong number.
```



```
C:\Windows\System32\cmd.exe

J:\C# Learning\Lab Works\lab2>csc 18.Factorial.cs
Microsoft (R) Visual C# Compiler version 4.8.9037.0
for C# 5
Copyright (C) Microsoft Corporation. All rights reserved.

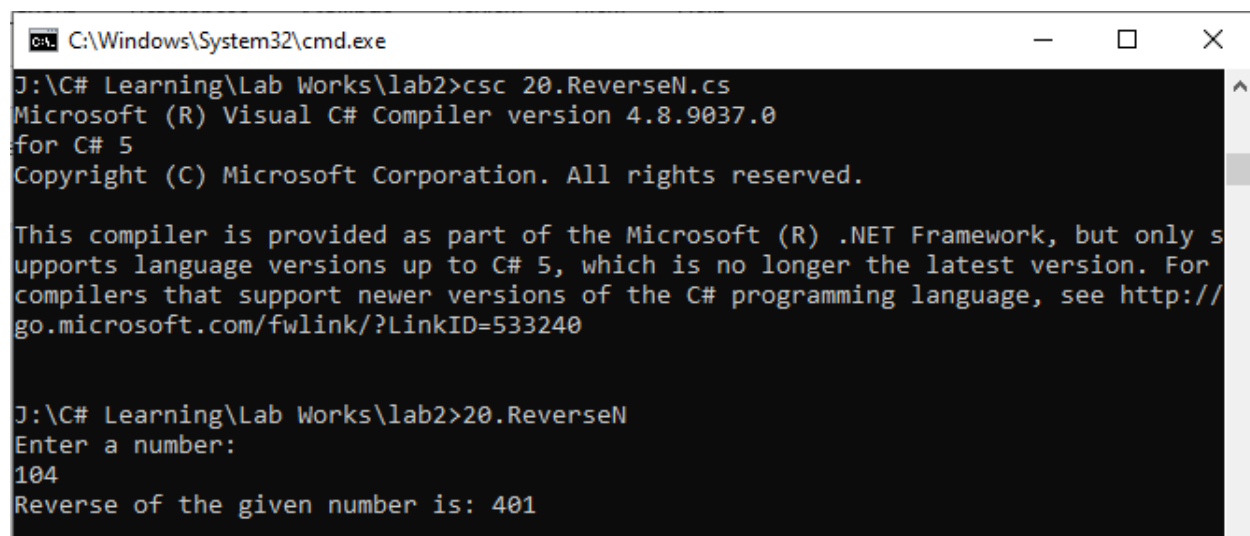
This compiler is provided as part of the Microsoft (R) .NET Framework, but only s
upports language versions up to C# 5, which is no longer the latest version. For
compilers that support newer versions of the C# programming language, see http://
go.microsoft.com/fwlink/?LinkID=533240

J:\C# Learning\Lab Works\lab2>18.Factorial
Enter a number:
5
The factorial of 5 is: 120
```

```
C:\Windows\System32\cmd.exe
J:\C# Learning\Lab Works\lab2>csc 19.Fibo.cs
Microsoft (R) Visual C# Compiler version 4.8.9037.0
for C# 5
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This compiler is provided as part of the Microsoft (R) .NET Framework, but only s
upports language versions up to C# 5, which is no longer the latest version. For
compilers that support newer versions of the C# programming language, see http://
go.microsoft.com/fwlink/?LinkID=533240

J:\C# Learning\Lab Works\lab2>19.Fibo
Enter the number of terms for Fibonacci series:
8
Fibonacci series up to 8 terms:
0 1 1 2 3 5 8 13
```



```
C:\Windows\System32\cmd.exe

J:\C# Learning\Lab Works\lab2>csc 20.ReverseN.cs
Microsoft (R) Visual C# Compiler version 4.8.9037.0
for C# 5
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This compiler is provided as part of the Microsoft (R) .NET Framework, but only supports language versions up to C# 5, which is no longer the latest version. For compilers that support newer versions of the C# programming language, see http://go.microsoft.com/fwlink/?LinkID=533240

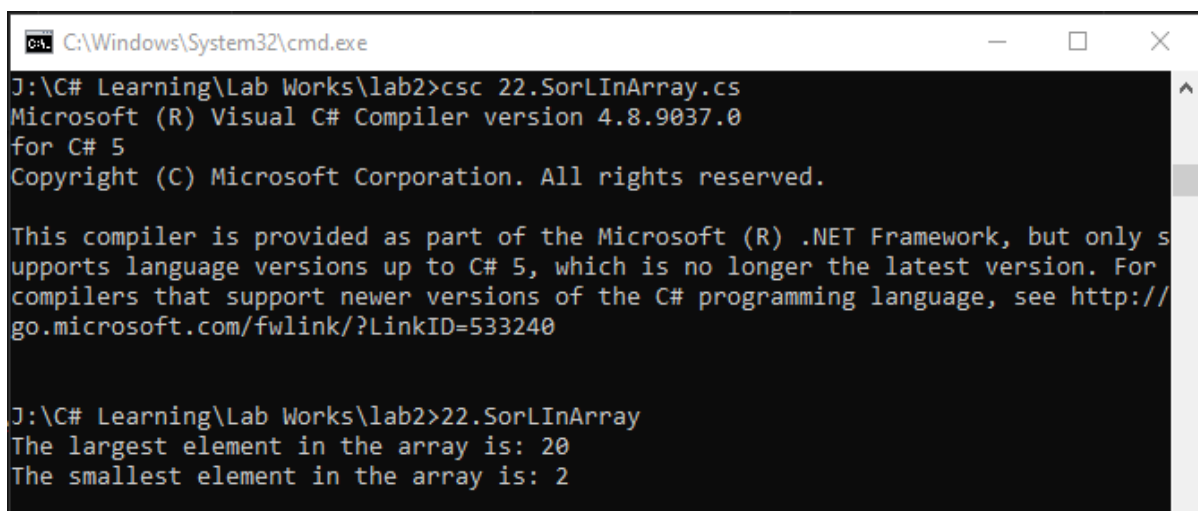
J:\C# Learning\Lab Works\lab2>20.ReverseN
Enter a number:
104
Reverse of the given number is: 401
```

```
C:\Windows\System32\cmd.exe
J:\C# Learning\Lab Works\lab2>csc 21.PrimeN.cs
Microsoft (R) Visual C# Compiler version 4.8.9037.0
for C# 5
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This compiler is provided as part of the Microsoft (R) .NET Framework, but only s
upports language versions up to C# 5, which is no longer the latest version. For
compilers that support newer versions of the C# programming language, see http://go.microsoft.com/fwlink/?LinkID=533240

J:\C# Learning\Lab Works\lab2>21.PrimeN
Enter a number:
45
45 is not a prime number.

J:\C# Learning\Lab Works\lab2>21.PrimeN
Enter a number:
19
19 is a prime number.
```



```
C:\Windows\System32\cmd.exe
J:\C# Learning\Lab Works\lab2>csc 22.SorLINArray.cs
Microsoft (R) Visual C# Compiler version 4.8.9037.0
for C# 5
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This compiler is provided as part of the Microsoft (R) .NET Framework, but only s
upports language versions up to C# 5, which is no longer the latest version. For
compilers that support newer versions of the C# programming language, see http://
go.microsoft.com/fwlink/?LinkID=533240

J:\C# Learning\Lab Works\lab2>22.SorLINArray
The largest element in the array is: 20
The smallest element in the array is: 2
```











