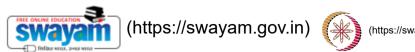
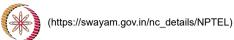
Χ





sivanithis000@gmail.com >

NPTEL (https://swayam.gov.in/explorer?ncCode=NPTEL) » Problem Solving Through Programming In C (course)



Click to register
for Certification
exam
(https://examform.nptel.

If already registered, click to check your payment status

Course outline

How does an NPTEL online course work? ()

Week 0: ()

Week 1 ()

Week 2 ()

Week 3 ()

Lecture 11:
 Assignment
 Statement and
 Operators in C
 (unit?

Week 3: Assignment 3

The due date for submitting this assignment has passed.

Due on 2023-08-16, 23:59 IST.

Assignment submitted on 2023-08-10, 22:21 IST

1) Which of the following statement is correct?

1 point

- a) Operator precedence determines which operator is performed first in an expression with more than one operator with different precedence. Associativity is used when two operators of same precedence appear in an expression
- b) Operator associativity determines which operator is performed first in an expression with more than one operator with different associativity. Precedence is used when two operators of same precedence appear in an expression
- c) Operator precedence and associativity are same.
- d) None of the above

Yes, the answer is correct.

Score: 1

Accepted Answers:

a) Operator precedence determines which operator is performed first in an expression with more than one operator with different precedence. Associativity is used when two operators of same precedence appear in an expression



```
unit=36&lesso
n=37)
```

- Lecture 12:

 Arithmetic
 Expressions
 and Relational
 Expressions
 (unit?

 unit=36&lesso
 n=38)
- Lecture 13:
 Logical
 Operators and
 Change in
 Control Flow
 (unit?
 unit=36&lesso
 n=39)
- Lecture 14:
 Use of Logical Operators in Branching (unit?
 unit=36&lesso n=40)
- Lecture 15 :
 Branching : IF
 - ELSE
 Statement
 (unit?
 unit=36&lesso
 n=41)
- Week 3:
 Programming
 Assignment 1
 (/noc23_cs121
 /progassignme
 nt?name=225)
- Week 3:
 Programming
 Assignment 2
 (/noc23_cs121
 /progassignme
 nt?name=226)
- Week 3 : Programming

```
2)
                                                                              1 point
    Find the output of the following C code
    #include<stdio.h>
    int main()
      int a=50, b=20, c=6, d=3, result;
      result=a+a*-b/c%d+c*d:
      printf("%d", result);
      return 0;
    }
  a) 67
  ob) -36
  c) 66
  (d) -37
Yes, the answer is correct.
Score: 1
Accepted Answers:
a) 67
3)
                                                                              1 point
    What is the output of the following C code?
    #include <stdio.h>
    int main()
    int h = 8:
    int b = 4 * 6 + 3 * 4 < h*5 ?4 : 3:
    printf("%d\n", b);
    return 0;
    }
  a) 0
  (b) 3
  © c) 4
  d) Compilation error
Yes, the answer is correct.
Score: 1
Accepted Answers:
c) 4
```



```
Assignment 3
(/noc23_cs121
/progassignme
nt?name=227)
```

- Week 3 :
 - Programming Assignment 4 (/noc23_cs121 /progassignme nt?name=228)
- Feedback
 Form of Week
 3 (unit?
 unit=36&lesso
 n=229)
- Assignment 3
 Solution (unit?
 unit=36&lesso
 n=43)
 - Week 4 ()

Week 5 ()

Week 6 ()

DOWNLOAD VIDEOS ()

Books ()

Text
Transcripts ()

Problem Solving Session -July 2023 ()

```
4)
                                                                              1 point
    Find the output of the following C code
    #include <stdio.h>
    int main()
    {
    int x=1;
       if ((3>5) || (2!=3))
            printf("IITKGP\n");
       else if (x\&=0)
            printf("IITD\n");
       else
            printf("IITM\n");
    return 0;
    }
  a) IITKGP
  b) IITD and IITM
  c) IITKGP and IITM
  Od) IITM
Yes, the answer is correct.
Score: 1
Accepted Answers:
a) IITKGP
5)
                                                                              1 point
     What will be the output?
     #include <stdio.h>
     int main()
     if ((-10 && 10) || (20 && -20))
            printf("Condition is true.");
     else
            printf("Condition is false.");
     return 0;
     }
  a) Condition is true
  b) Condition is false
  c) Error
  d) No output possible
Yes, the answer is correct.
Score: 1
Accepted Answers:
a) Condition is true
```

```
6)
                                                                            1 point
    What is the output of the following program?
    #include<stdio.h>
    int main()
    int i;
       if(i=0,2,3)
           printf("NPTEL");
       else
           printf("Programming on C ");
    printf("%d\n", i);
    return 0;
    }
  a) Programming on C 0
  b) NPTEL 0
  o) NPTEL 3
  d) Compilation error
Yes, the answer is correct.
Score: 1
Accepted Answers:
b) NPTEL 0
7)
                                                                            1 point
    What is the output of the C program given below
     #include <stdio.h>
     int main()
    int x = 0;
          if(x++)
    printf("true\n");
       else if (x == 1)
    printf("false\n");
    return 0;
     }
  a) true
  b) false
  c) Compiler dependent
  d) Compiler error
Yes, the answer is correct.
Score: 1
Accepted Answers:
b) false
```

```
8)
                                                                           1 point
     What will be the output?
     #include<stdio.h>
     int main()
      int x;
      x=10==20!=30;
      printf("%d", x);
      return 0;
     }
  a) 0
  b) 1
  c) 10
  Od) 30
Yes, the answer is correct.
Score: 1
Accepted Answers:
b) 1
9)
                                                                           1 point
      What will be the output?
      #include <stdio.h>
      int main()
      int a = 100, b = 200, c = 300;
         if (c > b > a)
      printf("TRUE");
         else
      printf("FALSE");
      return 0;
      }
  a) TRUE
  b) FALSE
  c) Syntax Error
  d) Compilation Error
Yes, the answer is correct.
Score: 1
Accepted Answers:
b) FALSE
```

```
10)
                                                                             1 point
     What is the output of the following C code?
     #include <stdio.h>
     int main()
       int y = 10;
       int z = y + (y == 10);
       printf("%d\n", z);
       return 0;
  a) 10
  b) 11
  0 c) 20
  d) Compiler error
Yes, the answer is correct.
Score: 1
Accepted Answers:
b) 11
```

