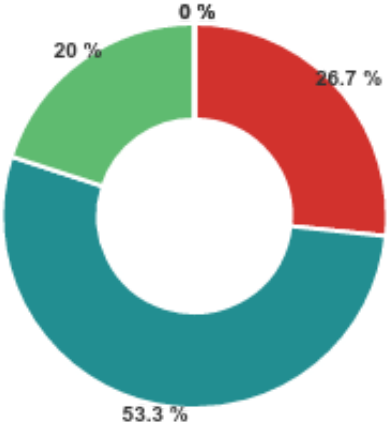
AMCAT Computer Programming Test 1 Report !

188 users have taken the test till now.

28/30
Highest Marks
0.0/30
Lowest Marks
9.2/30
Avg. Marks
20 m 19.61 s
Avg. Time Spent
43.03%
Avg. Accuracy

Question Difficulty



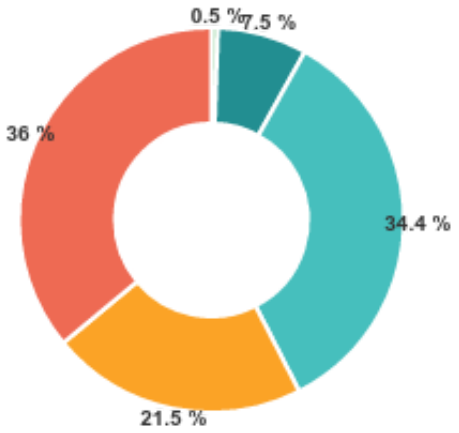
Very Tough : 8

Tough : 16

Average : 6

The difficulty level of a question is calculated dynamically based on the performance of the students. Ex: The very tough questions are the ones that less than 20% of the students solved correctly.

Student Performance



Excellent : 1

Good : 14

Average : 64

Poor : 40

Very Poor : 67

Student performance is calculated based on the marks that students obtained.
> 90 : Excellent
>70 to <= 90 : Good
> 40 to <= 70 : Average
> 20 to <= 40 : Poor
0-20 : Very Poor

✔ Score Comparision

Topper's Score	28
Average Score	9.2

Overall **Computer Programming**

Accuracy Comparision

Topper's Accuracy	93.33 %
Average Accuracy	43.03 %

Time Comparision

Topper's Time	18 m 46 s
Average Time	20 m 19.61 s

Top Performers

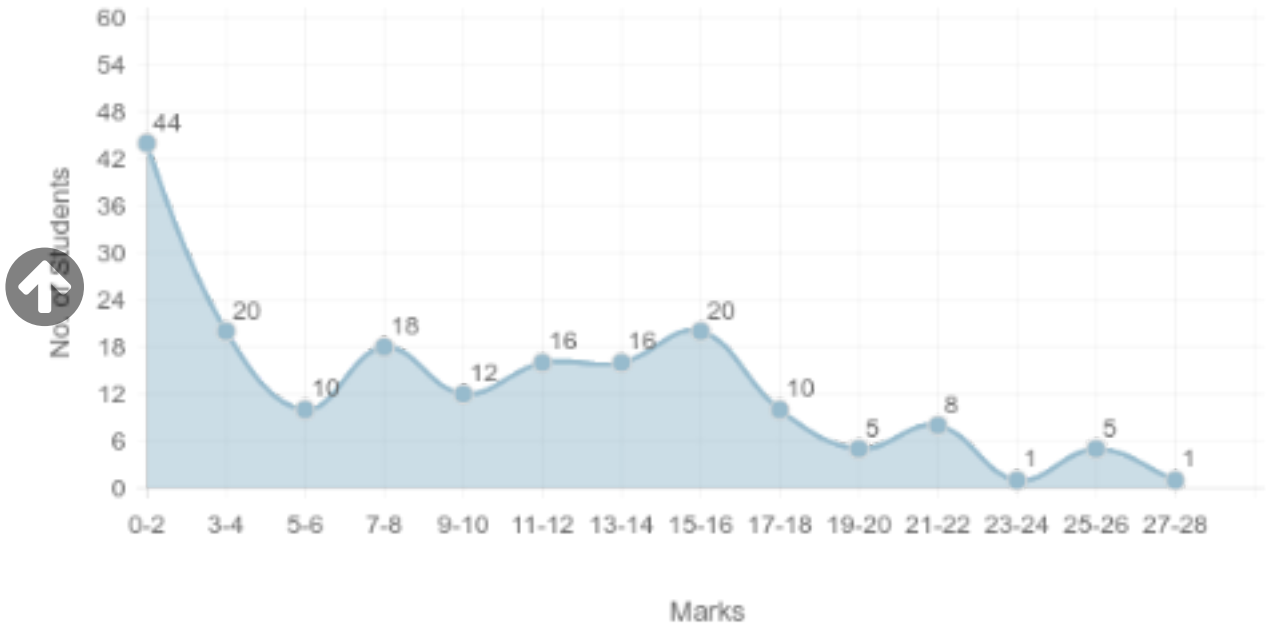
Manju malik (/namratamalik1994/)
Rank : 1 **Score : 28/30**

Ritam Singha (/ritamraiganj/)
Rank : 2 **Score : 26/30**

Avinash Saini (/avinashsaini1994/)
Rank : 3 **Score : 26/30**

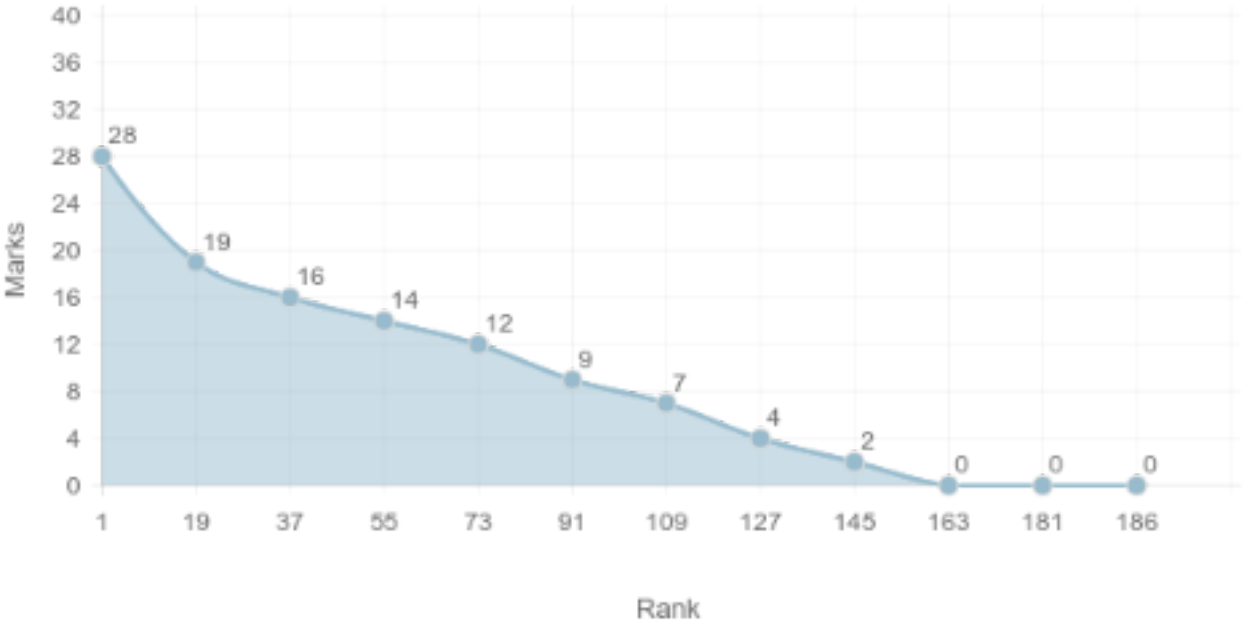
Ritam Singha (/babai141992/)
Rank : 4 **Score : 25/30**

Marks vs No. of Students



This graph shows where the majority of the students stand. The Peak of the graph signifies the marks that most of the test takers obtained. The arrow indicates where you stand.
Note : Your goal is to be as far to the right as possible, that is where all the toppers are.

Rank v/s Marks



This graph shows the marks distribution among the test takers. The leftmost point on the graph shows the topper's marks while the rightmost point belongs to the person who stood last. The arrow indicates where you stand.
Note: Your goal is to be as far to the left as possible.

Student Wise Report | **Question Wise Report**

All | Tricky Qs | Very Tough Qs | Tough Qs | Average Qs | Easy Qs | Very Easy Qs

Question 1 of 30

There is a new datatype which can take as values natural numbers between (and including) 0 and 25. How many minimum bits are required to store this datatype.

A. 4

✔ **B.** 5

C. 1

D. 3

Explanation :

No explanation provided

Question Analytics

127 USERS ()	68 USERS ()	59 USERS ()	53.54 %
ATTEMPTED	✔ SOLVED CORRECTLY	✖ SOLVED INCORRECTLY	ACCURACY

22.25 SECS	1.5 SECS
AVG. SOLVING TIME	FASTEST SOLVING TIME

Question 2 of 30

A data type is stored as an 6 bit signed integer. Which of the following cannot be represented by this data type?

A. 12

B. 0

✔ **C.** 32

D. 18

Explanation :

No explanation provided

Question Analytics

120 USERS ()	67 USERS ()	53 USERS ()	55.83 %
ATTEMPTED	✔ SOLVED CORRECTLY	✖ SOLVED INCORRECTLY	ACCURACY

23.28 SECS	1.7 SECS
AVG. SOLVING TIME	FASTEST SOLVING TIME

Question 3 of 30

A language has 28 different letters in total. Each word in the language is composed of maximum 7 letters. You want to create a datatype to store a word of this language. You decide to store the word as an array of letters. How many bits will you assign to the data-type to be able to store all kinds of words of the language.

A. 7

✔ **B.** 35

C. 28

D. 196

Explanation :

No explanation provided

Question Analytics

115 USERS ()	27 USERS ()	88 USERS ()	23.48 %
ATTEMPTED	✔ SOLVED CORRECTLY	✖ SOLVED INCORRECTLY	ACCURACY

41.4 SECS	2 SECS
AVG. SOLVING TIME	FASTEST SOLVING TIME

Question 4 of 30

A 10 bit unsigned integer has the following range:

- **A.** 0 to 1000
- **B.** 0 to 1024
- **C.** 1 to 1025
- ✔ **D.** 0 to 1023

Explanation :

No explanation provided

Question Analytics

128 USERS ()	66 USERS ()	62 USERS ()	51.56 %
ATTEMPTED	✔ SOLVED CORRECTLY	✖ SOLVED INCORRECTLY	⊙ ACCURACY

12.78 SECS	3.4 SECS
AVG. SOLVING TIME	FASTEST SOLVING TIME

Question 5 of 30

Rajni wants to create a datatype for the number of books in her book case. Her shelf can accommodate a maximum of 75 books. She allocates 7 bits to the datatype. Later another shelf is added to her bookcase. She realizes that she can still use the same datatype for storing the number of books in her bookcase. What is the maximum possible capacity of her new added shelf?

- ✔ **A.** 52
- **B.** 127
- **C.** 53
- **D.** 75

Explanation :

No explanation provided

Question Analytics

110 USERS ()	30 USERS ()	80 USERS ()	27.27 %
ATTEMPTED	✔ SOLVED CORRECTLY	✖ SOLVED INCORRECTLY	⊙ ACCURACY

33.48 SECS	2.2 SECS

AVG. SOLVING TIME | FASTEST SOLVING TIME

Question 6 of 30

A new language has 15 possible letters, 8 different kinds of punctuation marks and a blank character. Rahul wants to create two data types, first one which could store the letters of the language and a second one which could store any character in the language. The number of bits required to store these two datatypes will respectively be:

A. 3 and 4

B. 4 and 3

✔ **C.** 4 and 5

D. 3 and 5

Explanation :

No explanation provided

Question Analytics

101 USERS ()	25 USERS ()	76 USERS ()	24.75 %
ATTEMPTED	SOLVED CORRECTLY	SOLVED INCORRECTLY	ACCURACY

36.18 SECS	1.7 SECS
AVG. SOLVING TIME	FASTEST SOLVING TIME

Question 7 of 30

Parul takes as input two numbers: a and b. a and b can take integer values between 0 and 255. She stores a, b and c as 1byte data type. She writes the following code statement to process a and b and put the result in c.

```
c = a + 2*b
```

To her surprise her program gives the right output with some input values of a and b,while gives an erroneous answer for others. For which of the following inputs will it give a wrong answer?

✔ **A.** a = 10 b = 200

B. a = 200 b = 10

C. a = 50 b = 100

D. a = 100 b = 50

Explanation :

No explanation provided

Question Analytics

109 USERS ()	65 USERS ()	44 USERS ()	59.63 %
ATTEMPTED	SOLVED CORRECTLY	SOLVED INCORRECTLY	ACCURACY

41.09 SECS	1.9 SECS
AVG. SOLVING TIME	FASTEST SOLVING TIME

Question 8 of 30

Prashant takes as input 2 integer numbers, a and b, whose value can be between 0 and 127. He stores them as 7 bit numbers. He writes the following code to process these numbers to produce a third number c.

```
c = a - b
```

In how many minimum bits should Prashant store c?

A. 6 bits

B. 7 bits

✔ **C.** 8 bits

D. 9 bits

Explanation :

No explanation provided

Question Analytics

117 USERS ()	32 USERS ()	85 USERS ()	27.35 %
ATTEMPTED	SOLVED CORRECTLY	SOLVED INCORRECTLY	ACCURACY

25.57 SECS	2.3 SECS
AVG. SOLVING TIME	FASTEST SOLVING TIME

Question 9 of 30

Ankita takes as input 2 integer numbers, a and b, whose value can be between 0 and 31. He stores them as 5 bit numbers. He writes the following code to process these numbers to produce a third number c.

```
c = 2*(a - b)
```

In how many minimum bits should Ankita store c?

A. 6 bits

✔ **B.** 7 bits

C. 8 bits

D. 9 bits

Explanation :

No explanation provided

Question Analytics

115 USERS ()	25 USERS ()	90 USERS ()	21.74 %
ATTEMPTED	✔ SOLVED CORRECTLY	✖ SOLVED INCORRECTLY	ACCURACY

35.72 SECS	1.6 SECS
AVG. SOLVING TIME	FASTEST SOLVING TIME

Question 10 of 30

A character in new programming language is stored in 2 bytes. A string is represented as an array of characters. A word is stored as a string. Each byte in the memory has an address. The word "Mahatma Gandhi" is stored in the memory with starting address 456. The letter 'd' will be at which memory address?

A. 468

B. 480

✔ **C.** 478

D. 467

Explanation :

No explanation provided

Question Analytics

120 USERS ()	55 USERS ()	65 USERS ()	45.83 %
ATTEMPTED	✔ SOLVED CORRECTLY	✖ SOLVED INCORRECTLY	ACCURACY

37.13 SECS	2 SECS
AVG. SOLVING TIME	FASTEST SOLVING TIME

Question 11 of 30

Stuti is making a questionnaire of Truefalse questions. She wants to define a datatype which stores the response of the candidate for the question. What is the most suited data type for this purpose?

- **A.** integer
- ✔ **B.** boolean
- **C.** float
- **D.** character

Explanation :

No explanation provided

Question Analytics

136 USERS ()	109 USERS ()	27 USERS ()	80.15 %
ATTEMPTED	SOLVED CORRECTLY	SOLVED INCORRECTLY	ACCURACY

16.93 SECS	1.7 SECS
AVG. SOLVING TIME	FASTEST SOLVING TIME

Question 12 of 30

A pseudocode is used. Assume that when two datatypes are processed through an operator, the answer maintains the same datatype as the input datatypes. Assume that all datatypes have enough range to accommodate any number. If two different datatypes are operated on, the result assumes the more expressive datatype.What will be the output of the following pseudocode statements:

```
integer a = 456,   b, c, d =10
b = a/d
c = a  b
print c
```

- **A.** 410
- **B.** 410.4
- **C.** 411.4
- ✔ **D.** 411

Explanation :

No explanation provided

Question Analytics

100 USERS ()	41 USERS ()	59 USERS ()	41.0 %
ATTEMPTED	SOLVED CORRECTLY	SOLVED INCORRECTLY	ACCURACY

45.66 SECS	2.6 SECS
AVG. SOLVING TIME	FASTEST SOLVING TIME

Question 13 of 30

A pseudocode is used. Assume that when two datatypes are processed through an operator, the answer maintains the same datatype as the input datatypes. Assume that all datatypes have enough range to accommodate any number. If two different datatypes are operated on, the result assumes the more expressive datatype.
// in pseudo code refers to comment

What will be the output of the following pseudocode statements:

```
integer a = 984,   b, c, d =10
print remainder(a,d) // remainder when a is divided by d
a = a/d
print remainder(a,d) // remainder when a is divided by d
```

- **A.** 48
- **B.** Error
- **C.** 84
- **D.** 44

Explanation :

No explanation provided

Question Analytics

127 USERS ()	49 USERS ()	78 USERS ()	38.58 %
ATTEMPTED	SOLVED CORRECTLY	SOLVED INCORRECTLY	ACCURACY

48.16 SECS	2.3 SECS
AVG. SOLVING TIME	FASTEST SOLVING TIME

Question 14 of 30

Assume the following precedence (high to low). Operators in the same row have the same precedence:
(.)
* /
+
AND

OR
For operators with equal precedence, the precedence is from lefttoright in expression.What will be the output of the following code statements?

```
integer a = 50, b = 25, c = 0
print ( a > 45 OR b > 50 AND c > 10 )
```

- **A.** 1
- **B.** 0
- **C.** -1
- **D.** 10

Explanation :

No explanation provided

Question Analytics

123 USERS ()	67 USERS ()	56 USERS ()	54.47 %
ATTEMPTED	SOLVED CORRECTLY	SOLVED INCORRECTLY	ACCURACY

33.57 SECS	3.1 SECS
AVG. SOLVING TIME	FASTEST SOLVING TIME

Question 15 of 30

Assume the following precedence (high to low). Operators in the same row have the same precedence:
(.)
* /
+
AND
OR
For operators with equal precedence, the precedence is from lefttoright in expression.What will be the output of the following code statements?

```
integer a = 50, b = 25, c = 5
print a * b / c + c
```

- **A.** 120
- **B.** 125
- **C.** 255
- **D.** 250

Explanation :

No explanation provided

Question Analytics

124 USERS ()	89 USERS ()	35 USERS ()	71.77 %
ATTEMPTED	SOLVED CORRECTLY	SOLVED INCORRECTLY	ACCURACY

30.96 SECS	2 SECS
AVG. SOLVING TIME	FASTEST SOLVING TIME

Question 16 of 30

Assume the following precedence (high to low). Operators in the same row have the same precedence:
(.)
* /
+
AND
OR
For operators with equal precedence, the precedence is from lefttoright in expression.What will be the output of the following code statements?

```
integer a = 10, b = 35, c = 5
print a * b / c - c
```

- **A.** 65
- **B.** 60
- **C.** Error
- **D.** 70

Explanation :

No explanation provided

Question Analytics

123 USERS ()	88 USERS ()	35 USERS ()	71.54 %
ATTEMPTED	SOLVED CORRECTLY	SOLVED INCORRECTLY	ACCURACY

26.07 SECS	6.6 SECS
AVG. SOLVING TIME	FASTEST SOLVING TIME

Question 17 of 30

Assume the following precedence (high to low). Operators in the same row have the same precedence:
(.)
* /
+
AND
OR
For operators with equal precedence, the precedence is from leftt or ight in expression.
integer a = 10, b = 35, c = 5
Comment about the output of the two statements?

```
print a * b + c / d
print c / d + a * b
```

- **A.** Differ due to left to right precedence
- **B.** Differ by 10
- **C.** Differ by 20
- ✔ **D.** Same

Explanation :

No explanation provided

Question Analytics

110 USERS ()	69 USERS ()	41 USERS ()	62.73 %
ATTEMPTED	✔ SOLVED CORRECTLY	✖ SOLVED INCORRECTLY	◎ ACCURACY

41.44 SECS	1.6 SECS
AVG. SOLVING TIME	FASTEST SOLVING TIME

Question 18 of 30

Assume the following precedence (high to low). Operators in the same row have the same precedence:
(.)
* /
+
AND
OR
For operators with equal precedence, the precedence is from lefttoright in expression.integer a = 40, b = 35, c = 20, d = 10
Comment about the output of the following two statements:

```
print a * b / c - d
print a * b / (c - d)
```

- ✔ **A.** Differ by 80
- **B.** Same
- **C.** Differ by 50
- **D.** Differ by 160

Explanation :

No explanation provided

Question Analytics

115 USERS ()	79 USERS ()	36 USERS ()	68.7 %
ATTEMPTED	✔ SOLVED CORRECTLY	✖ SOLVED INCORRECTLY	ACCURACY

51.41 SECS	2 SECS
AVG. SOLVING TIME	FASTEST SOLVING TIME

Question 19 of 30

Assume the following precedence (high to low). Operators in the same row have the same precedence:
(.)
* /
+
AND
OR
For operators with equal precedence, the precedence is from lefttoright in expression.
integer a = 60, b = 35, c = 30
What will be the output of the following two statements:

```
print ( a > 45 OR b > 50 AND c > 10 )
print ( ( a > 45 OR b > 50 ) AND c > 10 )
```

- **A.** 0 and 1
- **B.** 0 and 0
- **C.** 1 and 1
- ✔ **D.** 1 and 0

Explanation :

No explanation provided

Question Analytics

117 USERS ()	18 USERS ()	99 USERS ()	15.38 %

ATTEMPTED	SOLVED CORRECTLY	SOLVED INCORRECTLY	ACCURACY

42.12 SECS	2 SECS
AVG. SOLVING TIME	FASTEST SOLVING TIME

Question 20 of 30

A pseudocode is used. Assume that when two datatypes are processed through an operator, the answer maintains the same datatype as the input datatypes. Assume that all datatypes have enough range to accommodate any number. If two different datatypes are operated on, the result assumes the more expressive datatype.
// in pseudo code refers to comment
What will be the output of the following pseudocode statements:

```
integer a = 984,   b=10
//float is a datatype to store real numbers.
float c
c = a / b
print c
```

A. 984

B. Error

✔ **C.** 98

D. 98.4

Explanation :

No explanation provided

Question Analytics

122 USERS ()	34 USERS ()	88 USERS ()	27.87 %
ATTEMPTED	SOLVED CORRECTLY	SOLVED INCORRECTLY	ACCURACY

24.17 SECS	3.4 SECS
AVG. SOLVING TIME	FASTEST SOLVING TIME

Question 21 of 30

A pseudocode is used. Assume that when two datatypes are processed through an operator, the answer maintains the same datatype as the input datatypes. Assume that all datatypes have enough range to accommodate any number. If two different datatypes are operated on, the result assumes the more expressive datatype.
// in pseudo code refers to comment

What will be the output of the following pseudocode statements:

```
integer a = 984
//float is a datatype to store rational numbers.
float b= 10, c
c = a / b
print c
```

A. 984

B. Error

✔ **C.** 98.4

D. 98

Explanation :

No explanation provided

Question Analytics

125 USERS ()	84 USERS ()	41 USERS ()	67.2 %
ATTEMPTED	✔ SOLVED CORRECTLY	✖ SOLVED INCORRECTLY	◎ ACCURACY

27.61 SECS	3.3 SECS
AVG. SOLVING TIME	FASTEST SOLVING TIME

Question 22 of 30

Smriti wants to make a program to print the sum of square of the first 5 whole numbers (0...4). She writes the following program:

```
integer i = 0 // statement 1
integer sum = 0 // statement 2
while ( i < 5 ) // statement 3
{
  sum = i*i // statement 4
  i = i + 1 // statement 5
}
print sum // statement 6
```

Is her program correct? If not, which statement will you modify to correct it?

A. No error, the program is correct.

B. Statement 1

✔ **C.** Statement 4

D. statement 6

Explanation :

No explanation provided

Question Analytics

127 USERS ()	68 USERS ()	59 USERS ()	53.54 %
ATTEMPTED	SOLVED CORRECTLY	SOLVED INCORRECTLY	ACCURACY

36.08 SECS	1.7 SECS
AVG. SOLVING TIME	FASTEST SOLVING TIME

Question 23 of 30

Shashi wants to make a program to print the sum of the first 10 multiples of 5. She writes the following program, where statement 5 is missing:

```
integer i = 0
integer sum = 0
while ( i <= 50 ) {
  sum = sum + i
   MISSING STATEMENT 5
}
print sum
```

Which of the following will you use for statement 5?

A. i = 5

B. i = 5 * i

C. i = i + 1

✔ **D.** i = i + 5

Explanation :

No explanation provided

Question Analytics

130 USERS ()	78 USERS ()	52 USERS ()	60.0 %
ATTEMPTED	SOLVED CORRECTLY	SOLVED INCORRECTLY	ACCURACY

41.48 SECS	2.2 SECS
AVG. SOLVING TIME	FASTEST SOLVING TIME

Question 24 of 30

Shantanu wants to make a program to print the sum of the first 7 multiples of 6. He writes the

following program:

```
integer i = 0 // statement 1
integer sum   // statement 2
while ( i <= 42 ) // statement 3
{
  sum = sum + i // statement 4
  i = i + 6;
}
print sum // statement 6
```

Does this program have an error? If yes, which one statement will you modify to correct the program?

- **A.** Statement 1
- ✔ **B.** Statement 2
- **C.** Statement 3
- **D.** Statement 4

Explanation :

No explanation provided

Question Analytics

122 USERS ()	72 USERS ()	50 USERS ()	59.02 %
ATTEMPTED	✔ SOLVED CORRECTLY	✖ SOLVED INCORRECTLY	ACCURACY

34.14 SECS	4 SECS
AVG. SOLVING TIME	FASTEST SOLVING TIME

Question 25 of 30

Sharmili wants to make a program to print the sum of all perfect cubes, where the value of the cubes go from 0 to 100. She writes the following program:

```
integer i = 0, a    // statement 1
integer sum = 0;
a = ( i * i * i )
while ( i < 100 ) // statement 2
{
  sum = sum + a // statement 3
  i = i + 1
  a = ( i * i * i )   // statement 4
}
print sum
```

Does this program have an error? If yes, which one statement will you modify to correct the program?

A. Statement 1

✔ **B.** Statement 2

C. Statement 3

D. Statement 4

Explanation :

No explanation provided

Question Analytics

120 USERS ()	35 USERS ()	85 USERS ()	29.17 %
ATTEMPTED	✔ SOLVED CORRECTLY	✖ SOLVED INCORRECTLY	ACCURACY

1 M 2.2 S	13.6 SECS
AVG. SOLVING TIME	FASTEST SOLVING TIME

Question 26 of 30

Bhavya wants to make a program to print the sum of all perfect squares, where the value of the squares go from 0 to 50. She writes the following program:

```
integer i = 1, a // statement 1
integer sum = 0
while ( a < 50 ) // statement 2
{
  sum = sum + a // statement 3
  i = i + 1
  a = ( i * i );   // statement 4
}
print sum
```

Does this program have an error? If yes, which one statement will you modify to correct the program?

✔ **A.** Statement 1

B. Statement 2

C. Statement 3

D. Statement 4

Explanation :

No explanation provided

Question Analytics

121 USERS ()	56 USERS ()	65 USERS ()	46.28 %

ATTEMPTED	SOLVED CORRECTLY	SOLVED INCORRECTLY	ACCURACY

35.73 SECS	1.7 SECS
AVG. SOLVING TIME	FASTEST SOLVING TIME

Question 27 of 30

Vijay wants to print the following pattern on the screen:
2
2 4
2 4 6
2 4 6 8
He writes the following program:

```
integer i = 1, j=2 // statement 1
while ( i <= 4 ) // statement 2
{
  j = 2;
  while ( j <= ? ) // Statement 3
  {
    print j
    print blank space
    j = j + 2
  }
  print endofline \takes the cursor to the next line
  i = i + 1
}
```

What is the value of ? in statement 3 ::

A. 8

B. i

✔ **C.** 2*i

D. 4

Explanation :

No explanation provided

Question Analytics

127 USERS ()	65 USERS ()	62 USERS ()	51.18 %
ATTEMPTED	SOLVED CORRECTLY	SOLVED INCORRECTLY	ACCURACY

41.56 SECS	5.3 SECS
AVG. SOLVING TIME	FASTEST SOLVING TIME

Question 28 of 30

Shravanti writes the following program:

```
integer i = 0, j
while ( i < 2 )
{
  j = 0;
  while ( j <= 3*i )
  {
    print j
    print blank space
    j = j + 3
  }
  print endofline \takes the cursor to the next line
  i = i + 1
}
```

What will be the output of the program?

- ✔ **A.**
  0
  0 3
- **B.**
  0
  3
  0 3 6
- **C.** 0
  0 3 6
  0 3 6 9
- **D.** 0 3 6
  0 3 6 9
  0 3 6 9 12

Explanation :

No explanation provided

Question Analytics

119 USERS ()	57 USERS ()	62 USERS ()	47.9 %
ATTEMPTED	✔ SOLVED CORRECTLY	✖ SOLVED INCORRECTLY	ACCURACY

1 M 0.29 S	4.2 SECS
AVG. SOLVING TIME	FASTEST SOLVING TIME

Question 29 of 30

Vijay wants to print the following pattern on the screen:

1
1 2
1 2 3
He writes the following program:

```
integer i = 1 // statement 1
while ( i <= 3 )
{
  int j // Statement 2
  while ( j <= i ) // Statement 3
  {
    print j
    print blank space
    j = j + 1 // Statement 4
  }
  print endofline \takes the cursor to the next line
  i = i + 1
}
```

Will this program function correctly? If not which one statement will you modify to make the program function correctly?

- **A.** Statement 1
- ✔ **B.** Statement 2
- **C.** Statement 3
- **D.** Statement 4

Explanation :

No explanation provided

Question Analytics

120 USERS ()	72 USERS ()	48 USERS ()	60.0 %
ATTEMPTED	✔ SOLVED CORRECTLY	✖ SOLVED INCORRECTLY	ACCURACY

37.59 SECS	3.4 SECS
AVG. SOLVING TIME	FASTEST SOLVING TIME

Question 30 of 30

Charu writes the following program:

```
integer i = 1, j, a
while ( i <= 4 )
{
  j = 1;
  a = 0;
  while ( a <= 5*i )
  {
    a = 2^j;
    print a
    print blank space
    j = j + 1
  }
  print endofline \takes the cursor to the next line
  i = i + 1
}
```

What will be the output of the program?

A.
2
2 4
2 4 8
2 4 8 16

B. 2
4
2 4 8
2 4 8 16
2 4 8 16 32

✔ **C.** 2 4
2 4 8
2 4 8
2 4 8 16

D. 2
2 4
2 4
2 4 8 16

Explanation :

No explanation provided

Question Analytics

117 USERS ()	46 USERS ()	71 USERS ()	39.32 %
ATTEMPTED	✔ SOLVED CORRECTLY	✖ SOLVED INCORRECTLY	⊙ ACCURACY

1 M 14.04 S	4.9 SECS
AVG. SOLVING TIME	FASTEST SOLVING TIME