

AMCAT

Employability Report

for Vijay Sahoo

Assessment Date : 19 November 2022



A personalized guide to know your AMCAT employability scores,
job fit in various roles and get tips to improve employability.



Certificate
presented to

Vijay Sahoo with AMCAT ID:360004988978538
for successfully completing AMCAT on 19 November 2022

According to his/her AMCAT scores, Vijay Sahoo is employable for the following job profiles/sectors and is strongly recommended to be considered for job opportunities in these profiles/sectors:

Engineering/IT Jobs

Software Engineer- IT Services

Software Engineer- IT Product

Technical Operations

Associate- ITES/BPO

Associate- ITES Operations (Hardware and Networking)

Non-technical Jobs

Analyst

To authenticate this certificate and to access detailed scores of the candidate, please visit www.myamcat.com/talentsearch/

1. This is a computer generated certificate and does not require a signature. 2. You can quote the statements mentioned on this certificate on your resume or other public documents. The ideal way to quote is "According to my AMCAT score, I am employable for the following profiles: Software Engineer- IT Services, Software Engineer- IT Product.

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- 4 YOUR PERSONALITY 
- 5 YOUR INDUSTRY AND JOB FIT 
- 6 IMPROVE YOUR EMPLOYABILITY 
- 7 NEXT STEP 





Chapter I. READING YOUR REPORT



You must be having a lot of questions about your skills, personality and employability. **AMCAT Employability Report** will not only help answer these questions, but will become your guide for deciding next steps on your career path. It will tell you what to study, what interviews to prepare for and how to prepare. Refer to the following tips to understand how to make this report a means to get closer to your dream job.

- ❖ Start by referring to the '**YOUR AMCAT SCORE SUMMARY**' chapter of your report. This chapter has all the key highlights for you. You will get to know where you stand nationally in different AMCAT modules, a snapshot of your personality and your employability in different job profiles and sectors. The summary chapter is the key. You should understand everything in it to know where you stand in the job market. For each section in the summary chapter, we mention the chapter having additional information about the section. Wherever you are unable to understand or want more information, refer to the respective chapter.
- ❖ The chapter '**Your Profile and Industry Fit**' is very important. The following tips will help you use it to make an action plan for next few months:
 - a. For profiles where your employability is high, you should start refreshing your knowledge for an interview for them. You may soon get interview calls for these.
 - b. You might find certain profiles where you have high employability, but are not the ones that interest you or you know much about. We will seriously recommend that you explore more about these profiles, find information about them and re-evaluate your interest. These can provide you an interesting career path which you may not have considered till now.
 - c. For those profiles where your employability is medium/low but interest you, understand your skill gap and start studying to improve on these areas. You may get an interview call for some of these, but you will have to work really hard to clear the interview. To increase your chances to get interview calls in such profiles, you should improve on your skills and re-take AMCAT after three months. The modules you should concentrate on for a profile is mentioned in the **chapter V**. A better AMCAT score can improve your interview chance in these profiles.
- ❖ Finally, this report can guide you on how to improve your weak areas. Refer to **Chapter III** to know within each module, which sub-modules you need to particularly improve. Work on these. Refer to **Chapter VI** to not only get helpful references to improve your weak areas, but also get a time schedule you can use.



Your Action Plan

| INTEREST | | |
|---------------|---|---|
| Employability | HIGH | MEDIUM/LOW |
| | HIGH Prepare for interviews for these profiles. Check out references from Chapter VI. | Gather more information about profiles and re-evaluate your interest. If you find that they may interest you, start preparing for their interviews. |
| Employability | MEDIUM/LOW | |
| | Start working to improve on AMCAT modules required for the profile. Re-take AMCAT after three months to improve your chances of interview opportunity. | Low priority at this point. |

We hope you will immediately start working on this action plan to succeed in interviews and position yourself to get interview calls for your profiles of interest. Best of luck!

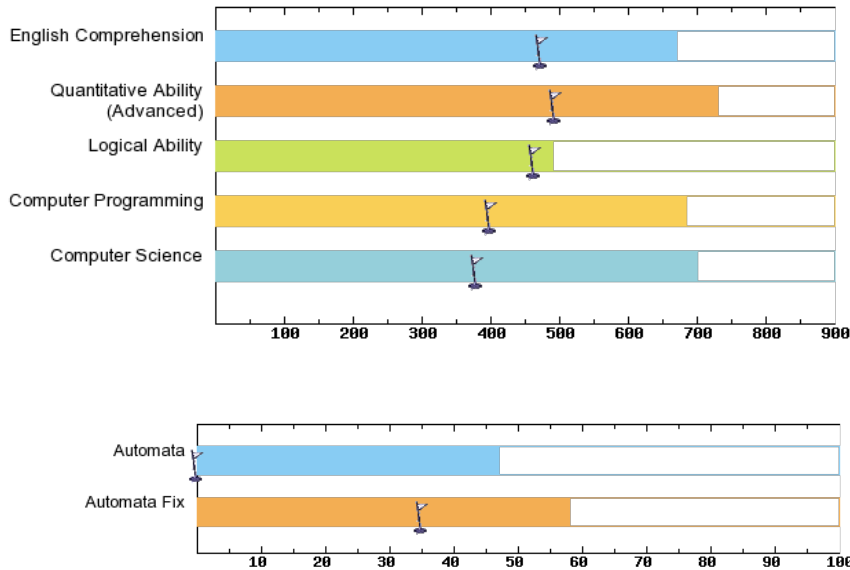


Chapter II. YOUR AMCAT SCORES

Vijay Sahoo

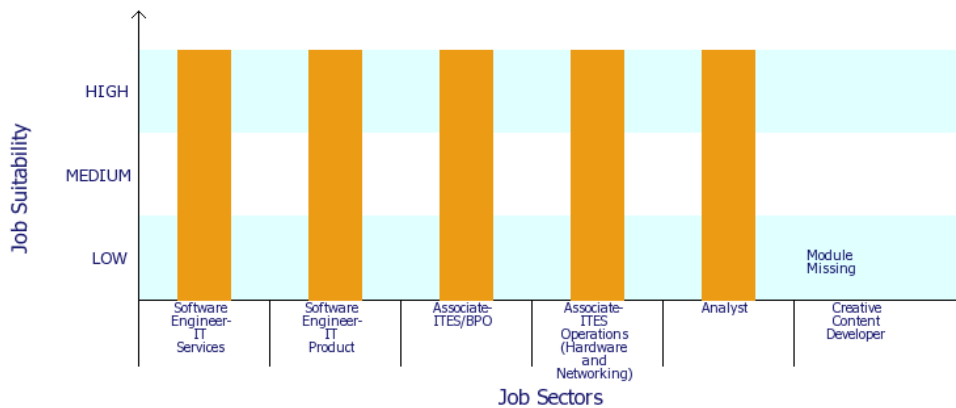
AMCAT ID : 360004988978538

Your AMCAT Score



- AMCAT an intelligent adaptive test. Your AMCAT score is not equal to the number of questions answered correctly. The score is calculated by an advanced statistical engine, which takes into consideration questions difficulty, discrimination, guess probability and several other factors.
- The bar is a representation of your performance in the module. The tick in each bar represents the 50 percentile score of all candidates of your category.
- Score of one module should not be compared with the score of another, but should be compared against the 50 percentile point of that module.
- Your score is on a scale of 100 to 900 with 100 being the minimum and 900 maximum

Your Job Fit





Chapter III. MODULE FEEDBACK

This Chapter provides a detailed feedback about your performance in each AMCAT module. It shall provide your AMCAT score and more importantly your AMCAT percentile, which shall tell you where you stand in the modules across all job-seekers across the Nation with similar education.

Furthermore, the chapter goes into details of which sub-module within a module did you perform well in and where you lacked. It will suggest where to put more effort and also provide tips on what kind of effort you should put in.

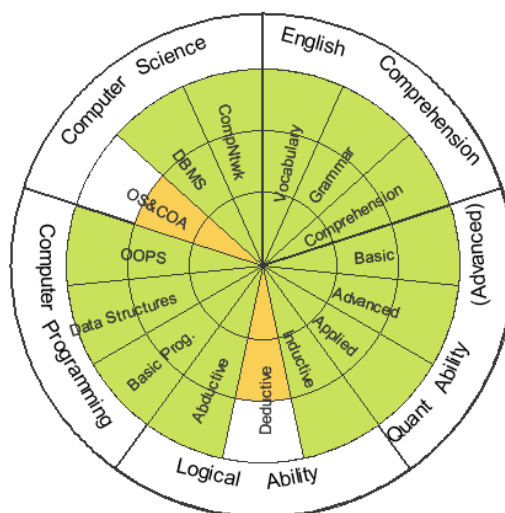
SECTION I: YOUR AMCAT REPORT CARD

| Module | Score | Grade | National Percentile |
|---------------------------------|---------------|--|---------------------|
| English Comprehension | 670 | A | 97% |
| Quantitative Ability (Advanced) | 730 | A | 98% |
| Logical Ability | 490 | B | 65% |
| Computer Programming | 685 | A | 99% |
| Computer Science | 700 | A | 99% |
| Automata | 47 out of 100 | Programming Ability Score: 3 out of 5 Programming Practices Score: 2 out of 4 | |
| Automata Fix | 58 out of 100 | | |

- Overall percentile is your percentile amongst all the candidates (belonging to the same degree as yours) tested by us nationally till now. If your overall percentile for a module is NA, it means we do not calculate percentile for that module
- If your reported score is -1, it means you have attempted less than the minimum number of questions required in that section. In such a case no score is reported. A score of -2 means you did not attempt the module. NA: Not Available
- Grade Information: grade tells you where you stand amongst all the people who have taken AMCAT till now.
A: First 33% B: Second 33% C: Last 34%

SECTION II: YOUR PERFORMANCE CHAKRA

Our Performance Chakra provides you with a bird's-eye view of your performance in different sections of modules you have attempted. The three levels indicate your performance as poor, average or good.



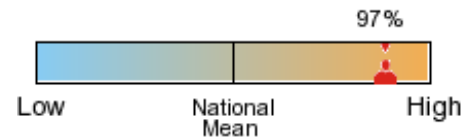
Performance Chakra: You have done really well in sub-modules marked in green, average in those in yellow and poorly in those in pink. If a section is without a color, it means you did not answer enough questions in the subsection to get an evaluation in it.



SECTION III: YOUR PERSONALIZED FEEDBACK

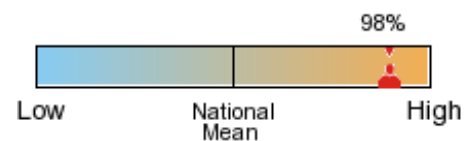
This section provides you a personalized feedback automatically generated by our artificial intelligence engine. Based on your strong and weak areas in a module, it provides you with suggestions and tips to improve yourself.

English Comprehension



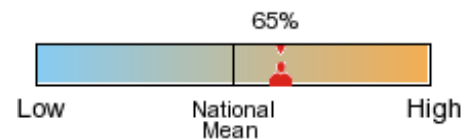
Your performance in English Comprehension is very good. You have exhibited a remarkable performance in the English module. Practice regularly in order to maintain this level of excellence throughout. Try to exceed your current level of performance by expanding your lexicon and learning about subtleties of this wonderful language. All the best!

Quantitative Ability (Advanced)



Your performance in Quantitative Ability (Advanced) is amongst the top. According to our analysis, you have a good understanding of all relevant areas of Quantitative Ability. You just need to practice enough to remain in touch with the field and not lose your hold on this subject. Keep it up!

Logical Ability

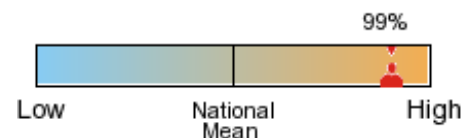


Your performance in Logical Ability is satisfactory. You are able to understand statements, draw inferences based on them and are also able to spot patterns. Good job! But you are still not perfect. In order to master this section, practice difficult questions. Though, initially, you may take a lot of time to solve such questions, but in the long run, you would end up sharpening your Logical Ability skills tremendously.

Tips / Suggestions for You

- Diagrams are a great way to tackle deductive reasoning questions.

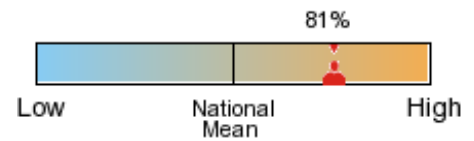
Computer Programming



Your performance in Computer Programming is amongst the top. You have a phenomenal understanding of all the different areas of Programming and Computer Science. With your level of ability, you can afford to learn number of more programming languages and algorithms. This would also show greatly on your CV.

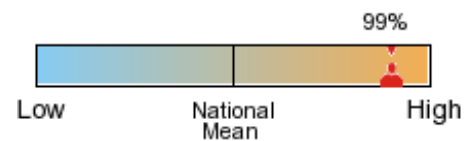


Automata Fix



Your performance in Automata Fix is very good. You are able to detect errors in logic and to use and fix pre-written libraries of source codes to achieve the required functionality. You can continue to practice reading and understanding codes from diverse sources. You should challenge yourself by looking at public repositories of codes that host well-known software. Being fluent in reading and understanding source codes is a critical skill needed to take part in any advanced software engineering project. You could clone open-source projects and practice writing industry-grade source codes by contributing features and bug fixes to such projects.

Computer Science



Your performance in Computer Science is very good. You have a basic knowledge of all the 3 sub-modules (Operating System & Computer Architecture, DBMS, Computer Networks). However, you should challenge yourself with more difficult concepts. In Operating System & Computer Architecture, while you know the basic concepts in process synchronization, you should stretch yourself to understand the implementation of different process synchronization techniques. Acquaint yourself with different job scheduling algorithms. Learn concepts like pipelining and memory interfacing to strengthen your concepts in computer architecture. To further improve your performance in DBMS, you need to develop a good understanding of different query languages as well as various normalization forms. You have fared well in Computer Networks. You just need to move on to more complex topics and upgrade your knowledge on them. Learn different routing algorithms and networking addressing. Since you have ground knowledge of basic reference networking models, try and push yourself to understand various network protocols like HTTP, UDP etc.

SECTION IV: YOUR AUTOMATA FEEDBACK

This chapter provides you the detail of your performance in Automata modules.

Report Details

| Total Problems | Total Time |
|----------------|------------|
| 2 | 45 mins |

Scores

| | | | |
|--|------------|--|------------|
| Total Score This is the measure of overall programming performance of the candidate. | | 47 out of 100 | |
| Programming Ability Score This score measures the ability to write correct, thorough and efficient code for a problem. | 3 out of 5 | Programming Practices Score This score measures the use of best practices in programming, program's robustness, readability, security etc. | 2 out of 4 |

Problem 1 Results

| Scores | | Code Execution Summary | |
|---|------------|---------------------------------------|---------|
| Programming Ability Score | 4 out of 5 | Language | : C++ |
| Programming Practices Score | 3 out of 4 | Code Compilation | : Pass |
| | | Compiler Warnings Generated | : No |
| | | Test Cases Passed | : 11/14 |
| Test Case Execution Results(Cases Passed/ Total) | | Structural Vulnerabilities and | |



Cases)

Basic

6/7

They demonstrate the primary logic of the problem. They encompass situations which would be seen on an average and do not reveal situations which need extra checks/handles to be placed on the logic.

Advanced

0/8

They contain pathological input conditions which would attempt to break codes which have incorrect/semi-correct implementations of the correct logic or incorrect/semi-correct formulation of the logic.

Edge

0/1

They specifically confirm whether the code runs successfully on the extreme ends of the domain of inputs.

Total

6 / 16

Errors

Average-Case Time Complexity Detected

**The complexity information cannot be generated.
The submitted source code is incorrect and failed to execute.**

This problem can be ideally solved in $O(N)$ time

* N represents the length of the string that was sent.

* Average Case Time Complexity is the order of performance of the algorithm given a random set of inputs. This complexity is measured here using the Big-O asymptotic notation.

Execution Statistics

| | |
|--|------------|
| Time Taken to Submit (hr:min:sec) | : 00:11:35 |
| Number of compile attempts made | : 1 |
| Number of compilation attempts witnessing a successful compile | : 1 |
| Number of compile attempts witnessing a time-out | : 0 |
| Number of compile attempts witnessing runtime errors | : 0 |
| Avg. no. of cases passed in each compile | : 81.25 % |
| Avg. time taken between each compile (hr:min:sec) | : 00:11:35 |

Problem 2 Results

Scores

Programming Ability Score

1 out of 5

Programming Practices Score

N.A.

Code Execution Summary

| | |
|-----------------------------|--------|
| Language | : C++ |
| Code Compilation | : Pass |
| Compiler Warnings Generated | : No |
| Test Cases Passed | : 0/10 |

Test Case Execution Results(Cases Passed/ Total Cases)

Basic

1/5

They demonstrate the primary logic of the problem. They encompass situations which would be seen on an average and do not reveal situations which need extra checks/handles to be placed on the logic.

Advanced

0/5

They contain pathological input conditions which would attempt to break codes which have incorrect/semi-correct implementations of the correct logic or incorrect/semi-correct formulation of the logic.

Edge

0/2

They specifically confirm whether the code runs successfully on the extreme ends of the domain of inputs.

Total

1 / 12

Structural Vulnerabilities and Errors

N.A.

Average-Case Time Complexity Detected

**The complexity information cannot be generated.
The submitted source code is incorrect and failed to execute.**

This problem can be ideally solved in time

Execution Statistics

| | |
|--|------------|
| Time Taken to Submit (hr:min:sec) | : 00:17:24 |
| Number of compile attempts made | : 2 |
| Number of compilation attempts witnessing a successful compile | : 2 |
| Number of compile attempts witnessing a time-out | : 0 |
| Number of compile attempts witnessing | : 0 |



*N represents the

*Average Case Time Complexity is the order of performance of the algorithm given a random set of inputs. This complexity is measured here using the Big-O asymptotic notation.

| | | |
|---|---|----------|
| runtime errors | : | 4 |
| Avg. no. of cases passed in each compile | : | 4.17 % |
| Avg. time taken between each compile (hr:min:sec) | : | 00:08:42 |



SECTION IV: YOUR AUTOMATA FIX FEEDBACK

This chapter provides you the detail of your performance in Automata modules.

| Automata Fix Scores | | 58 out of 100 |
|--|----------------|--|
| Syntactical Error | 100 out of 100 | Logical Error Correction 50 out of 100 |
| The candidate is expected to fix syntactical/compilation error(s) in the provided code. | | The candidate is expected to fix logical inconsistencies in the provided code. |
| Code Reuse | | 50 out of 100 |
| The candidate is expected to make use of existing functions to implement/ complete an incomplete functionality . | | |

| | | | |
|------------------|------------------------|--|----------------------|
| Problem 1 | Status: Correct | Question Type: Logical Error Correction | Language: C++ |
|------------------|------------------------|--|----------------------|

| Default Source Code | | Candidate Source Code | | |
|----------------------------|-----------------------------------|-------------------------------|--|---------------------------------|
| 7 | for(j=i; j<len;j++) | 7 | for(j=i; j<len;j++) | |
| 8 | { | 8 | { | |
| 9 | temp = 0; | 9 | temp = 0; | |
| 10 | if(arr[i]>arr[j]) | 10 | if(arr[i]<arr[j]) | |
| 11 | { | 11 | { | |
| 12 | temp=arr[i]; | 12 | temp=arr[i]; | |
| 13 | arr[i]=arr[j]; | 13 | arr[i]=arr[j]; | |
| Default Source Status | | Candidate Source Status | | |
| Test Cases Passed : 12.5 % | | Test Cases Passed : 100 % | | |
| <div></div> No change | <div></div> New additions to code | <div></div> Deletions in code | <div></div> Existing statements edited | <div></div> Skipped common part |

| Execution Statistics | | | |
|---|-------|---|------------|
| Code Compilation Passed | : Yes | Time taken to submit (hr:min:sec) | : 00:01:36 |
| Number of compilation attempts witnessing a successful compile | : 1 | Avg. no. of cases passed in each compile | : 100 % |
| Number of compiles attempts made | : 1 | Code Length | : 18 |

| | | | |
|------------------|----------------------|--|----------------------|
| Problem 2 | Status: Wrong | Question Type: Logical Error Correction | Language: C++ |
|------------------|----------------------|--|----------------------|

| Default Source Code | | Candidate Source Code | | |
|-------------------------|---|-------------------------------|---|---------------------------------|
| 3 | using namespace std; | 3 | using namespace std; | |
| 4 | int checkBirthDay(char* month, int day) | 4 | int checkBirthDay(char* month, int day) | |
| 5 | { | 5 | { | |
| 6 | if(strcmp(month,"July")){(day!=5)} | 6 | if((strcmp(month,"July")) && (day==5)) | |
| 7 | return 1; | 7 | return 1; | |
| 8 | else | 8 | else | |
| 9 | return 0; | 9 | return 0; | |
| 10 | } | 10 | } | |
| Default Source Status | | Candidate Source Status | | |
| Test Cases Passed : 0 % | | Test Cases Passed : 57.14 % | | |
| <div></div> No change | <div></div> New additions to code | <div></div> Deletions in code | <div></div> Existing statements edited | <div></div> Skipped common part |

**Execution Statistics**

| | | | |
|---|-------|---|------------|
| Code Compilation Passed | : Yes | Time taken to submit (hr:min:sec) | : 00:01:37 |
| Number of compilation attempts witnessing a successful compile | : 1 | Avg. no. of cases passed in each compile | : 66.7 % |
| Number of compiles attempts made | : 1 | Code Length | : 11 |

Problem 3**Status: Wrong****Question Type: Code Reuse****Language: C++****Default Source Code**

```
1 // You can print the values to stdout for debugging
2 using namespace std;
3 int isTriangle(Point *P1, Point *P2, Point *P3)
4 {
5     // write your code here
6 }
```

Default Source Status

In file included from main_25.cpp:8:
source_25.cpp: In function 'int isTriangle(Point*, Point*, Point*)':
source_25.cpp:6:1: error: no return statement in function returning non-void [-Werror=return-type]
^
cc1plus: some warnings being treated as errors

Candidate Source Code

```
1 // You can print the values to stdout for debugging
2 using namespace std;
3
4 double Distance(Point*p)
5 {
6     return sqrt(pow((this->x-p->x),2)+pow((this->y-p->y),2));
7 }
8
9 int isTriangle(Point *p1, Point *p2, Point *p3)
10 {
11     // write your code here
12     double AB=p1->Distance(p2);
13     double AC=p1->Distance(p3);
14     double BC=p2->Distance(p3);
15
16     if((AB + AC>BC) && (AB+BC > AC) && (AC+BC>AB))
17         return 1;
18     else
19         return 0;
20 }
```

Candidate Source Status

In file included from main_25.cpp:8:
source_25.cpp: In function 'double Distance(Point*)':
source_25.cpp:6:22: error: invalid use of 'this' in non-member function
return sqrt(pow((this->x-p->x),2)+pow((this->y-p->y),2));
^~~~~~
source_25.cpp:6:33: error: 'class Point' has no member named 'x'
return sqrt(pow((this->x-p->x),2)+pow((this->y-p->y),2));
^
source_25.cpp:6:44: error: invalid use of 'this' in non-member function
return sqrt(pow((this->x-p->x),2)+pow((this->y-p->y),2));
^~~~~~
source_25.cpp:6:55: error: 'class Point' has no member named 'y'
return sqrt(pow((this->x-p->x),2)+pow((this->y-p->y),2));
^
source_25.cpp: In function 'int isTriangle(Point*, Point*, Point*)':
source_25.cpp:12:19: error: 'class Point' has no member named
'Distance'
double AB=p1->Distance(p2);
^~~~~~
source_25.cpp:13:19: error: 'class Point' has no member named
'Distance'
double AC=p1->Distance(p3);
^~~~~~
source_25.cpp:14:19: error: 'class Point' has no member named
'Distance'
double BC=p2->Distance(p3);
^~~~~~

| | | | | |
|------------------------------------|---|--|---|--|
| <input type="checkbox"/> No change | <input checked="" type="checkbox"/> New additions to code | <input type="checkbox"/> Deletions in code | <input type="checkbox"/> Existing statements edited | <input type="checkbox"/> Skipped common part |
|------------------------------------|---|--|---|--|

Execution Statistics

| | | | |
|---|------|---|------------|
| Code Compilation Passed | : No | Time taken to submit (hr:min:sec) | : 00:09:26 |
| Number of compilation attempts witnessing a successful compile | : 0 | Avg. no. of cases passed in each compile | : 0 % |
| Number of compiles attempts made | : 8 | Code Length | : 20 |

**Problem 4****Status:** Correct**Question Type:** Logical Error
Correction**Language:** C++**Default Source Code**

```
5 int print=1;
6 for(int i=0;i<num;i++)
7 {
8     for(int j=0;j<=i;j++)
9     {
10         cout<<print<<" ";
11     }
```

Default Source Status

Test Cases Passed : 16.67 %

Candidate Source Code

```
5 int print=1;
6 for(int i=0;i<num;i++)
7 {
8     for(int j=0;j<=i;j++)
9     {
10         cout<<print<<" ";
11     }
```

Candidate Source Status

Test Cases Passed : 100 %

| | | | | |
|------------------------------------|---|--|---|--|
| <input type="checkbox"/> No change | <input checked="" type="checkbox"/> New additions to code | <input type="checkbox"/> Deletions in code | <input type="checkbox"/> Existing statements edited | <input type="checkbox"/> Skipped common part |
|------------------------------------|---|--|---|--|

Execution Statistics

| | | | |
|---|-------|---|------------|
| Code Compilation Passed | : Yes | Time taken to submit (hr:min:sec) | : 00:00:35 |
| Number of compilation attempts witnessing a successful compile | : 1 | Avg. no. of cases passed in each compile | : 100 % |
| Number of compiles attempts made | : 1 | Code Length | : 15 |

Problem 5**Status:** Correct**Question Type:** Syntactical
Error Correction**Language:** C++**Default Source Code**

```
1 // You can print the values to stdout for debugging
2 using namespace std;
3 int matrixSum(int n, int m, int &matrix)
4 {
5     int i, j, sum=0;
6     for(i=0;i<n;i++)
7     {
8         for(j=0;j<m;j++)
9             sum += matrix(i)(j);
10     }
11     return sum;
12 }
```

Default Source Status

In file included from main_32.cpp:7:
source_32.cpp: In function 'int matrixSum(int, int, int&)':
source_32.cpp:9:14: error: expected primary-expression before '=' token
sum += matrix(i)(j);
^
source_32.cpp:9:24: error: expression cannot be used as a function
sum += matrix(i)(j);
^
main_32.cpp: In function 'int main(int, const char**)':
main_32.cpp:28:35: error: invalid conversion from 'int**' to 'int' [-fpermissive]
int res = matrixSum(n, m, arr);
^~
In file included from main_32.cpp:7:
source_32.cpp:3:34: note: initializing argument 3 of 'int matrixSum(int, int, int&)'
int matrixSum(int n, int m, int &matrix)
~~~~~^~~~~~  
main\_32.cpp:28:35: error: cannot bind rvalue '(int)arr' to 'int&'  
int res = matrixSum(n, m, arr);  
^~

**Candidate Source Code**

```
1 // You can print the values to stdout for debugging
2 using namespace std;
3 int matrixSum(int rows, int columns, int **matrix)
4 {
5     int i, j, sum=0;
6     for(i=0;i<rows;i++)
7     {
8         for(j=0;j<columns;j++)
9             sum += matrix[i][j];
10     }
11     return sum;
12 }
```

**Candidate Source Status**

Test Cases Passed : 100 %

|                                    |                                                           |                                            |                                                     |                                              |
|------------------------------------|-----------------------------------------------------------|--------------------------------------------|-----------------------------------------------------|----------------------------------------------|
| <input type="checkbox"/> No change | <input checked="" type="checkbox"/> New additions to code | <input type="checkbox"/> Deletions in code | <input type="checkbox"/> Existing statements edited | <input type="checkbox"/> Skipped common part |
|------------------------------------|-----------------------------------------------------------|--------------------------------------------|-----------------------------------------------------|----------------------------------------------|

**Execution Statistics**

|                                                                       |       |                                                 |            |
|-----------------------------------------------------------------------|-------|-------------------------------------------------|------------|
| <b>Code Compilation Passed</b>                                        | : Yes | <b>Time taken to submit (hr:min:sec)</b>        | : 00:01:03 |
| <b>Number of compilation attempts witnessing a successful compile</b> | : 1   | <b>Avg. no. of cases passed in each compile</b> | : 50 %     |
| <b>Number of compiles attempts made</b>                               | : 2   | <b>Code Length</b>                              | : 12       |

**Problem 6****Status: Correct****Question Type: Code Reuse****Language: C++****Default Source Code**

```
9 }
10 else
11 {
12 // write your code here for negative exponentInput
13 }
14 return res;
```

**Default Source Status**

Test Cases Passed : 75 %

**Candidate Source Code**

```
9 }
10 else
11 {
12 res=(float)(1.0/positiveExponent(baseValue, exponentValue));
13 // pow(baseValue,exponentValue);
14 // write your code here for negative exponentInput
15 }
16 return res;
```

**Candidate Source Status**

Test Cases Passed : 100 %

|                                    |                                                           |                                            |                                                     |                                              |
|------------------------------------|-----------------------------------------------------------|--------------------------------------------|-----------------------------------------------------|----------------------------------------------|
| <input type="checkbox"/> No change | <input checked="" type="checkbox"/> New additions to code | <input type="checkbox"/> Deletions in code | <input type="checkbox"/> Existing statements edited | <input type="checkbox"/> Skipped common part |
|------------------------------------|-----------------------------------------------------------|--------------------------------------------|-----------------------------------------------------|----------------------------------------------|

**Execution Statistics**

|                                                                       |       |                                                 |            |
|-----------------------------------------------------------------------|-------|-------------------------------------------------|------------|
| <b>Code Compilation Passed</b>                                        | : Yes | <b>Time taken to submit (hr:min:sec)</b>        | : 00:04:10 |
| <b>Number of compilation attempts witnessing a successful compile</b> | : 2   | <b>Avg. no. of cases passed in each compile</b> | : 38.9 %   |
| <b>Number of compiles attempts made</b>                               | : 3   | <b>Code Length</b>                              | : 19       |

**Problem 7****Status: Wrong****Question Type: Logical Error Correction****Language: C++****Default Source Code**

```
4 for(x=0; x<len; x++){
5 int index_of_min = x;
6 for(y=x; y<len; y++){
7 if(arr[index_of_min]>arr[x]){
8 index_of_min = y;
9 }
10 }
```

**Default Source Status**

Test Cases Passed : 14.29 %

**Candidate Source Code**

```
4 for(x=0; x<len; x++){
5 int index_of_min = x;
6 for(y=x; y<len; y++){
7 if(arr[index_of_min]<arr[x]){
8 index_of_min = y;
9 }
10 }
```

**Candidate Source Status**

Test Cases Passed : 14.29 %

|                                    |                                                           |                                            |                                                     |                                              |
|------------------------------------|-----------------------------------------------------------|--------------------------------------------|-----------------------------------------------------|----------------------------------------------|
| <input type="checkbox"/> No change | <input checked="" type="checkbox"/> New additions to code | <input type="checkbox"/> Deletions in code | <input type="checkbox"/> Existing statements edited | <input type="checkbox"/> Skipped common part |
|------------------------------------|-----------------------------------------------------------|--------------------------------------------|-----------------------------------------------------|----------------------------------------------|

**Execution Statistics**

|                                                                       |       |                                                 |            |
|-----------------------------------------------------------------------|-------|-------------------------------------------------|------------|
| <b>Code Compilation Passed</b>                                        | : Yes | <b>Time taken to submit (hr:min:sec)</b>        | : 00:01:32 |
| <b>Number of compilation attempts witnessing a successful compile</b> | : 2   | <b>Avg. no. of cases passed in each compile</b> | : 11.1 %   |
| <b>Number of compiles attempts made</b>                               | : 2   | <b>Code Length</b>                              | : 15       |





## Chapter IV. YOUR PERSONALITY

*We Cannot Comment since you have not attempted/completed the Personality Module.*

**CANNOT COMMENT**



## Chapter V. YOUR INDUSTRY AND JOB FIT

This chapter explains your job fit in various profiles in different industry sectors.

AMCAT is today used by leading corporations across the country to look for the right talent. Based on our learning's from working with these corporates, we have developed statistical models of what scores make a candidate succeed in a given job profile. Based on your AMCAT scores and our statistical model, we can predict which job profiles you best fit in. We can also find out the profiles for which you aren't currently ready and what subjects you need to study to become employable in them.

This section shall provide you information about your employability in different job profiles and what all you need to improve to become more job fit. It will also provide a glimpse in the score cut-offs for different profiles.

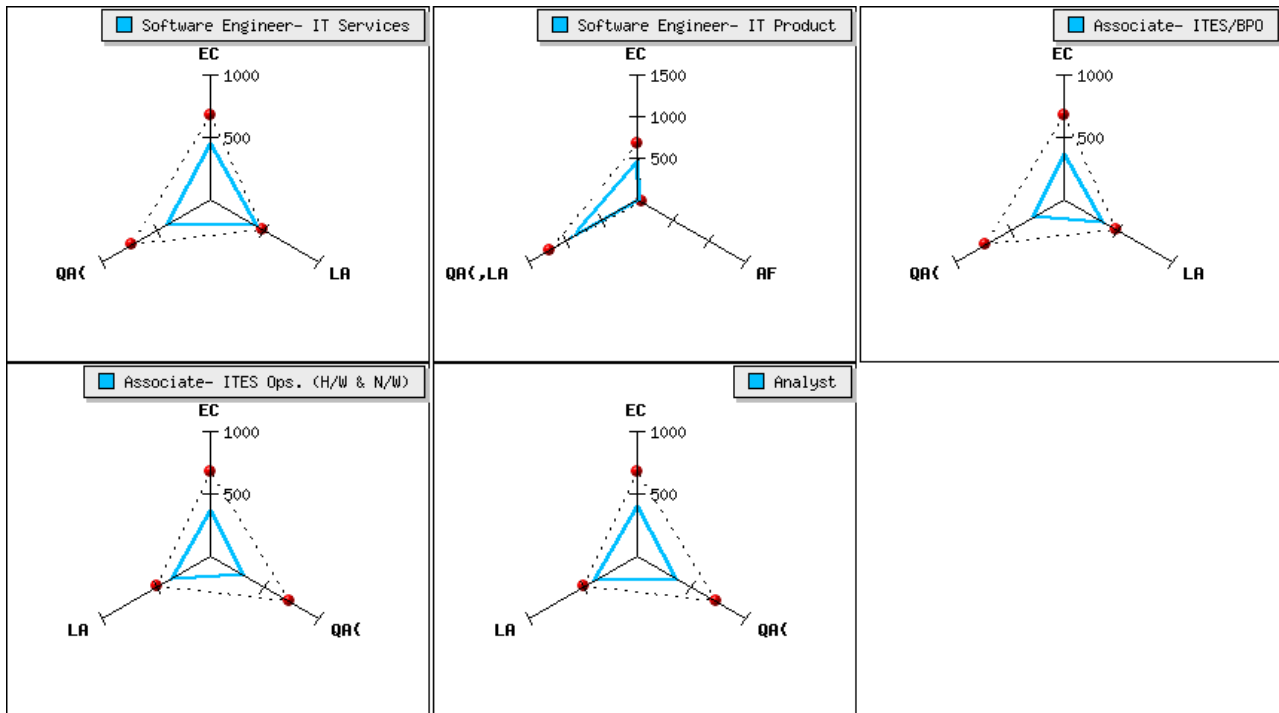
### Section I: YOUR JOB FIT

| Job Profile                                          | Your chance of selection for these job profiles. | Job profile criteria and areas to work on for improving your chances                                                                                                   |
|------------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Engineering/IT Jobs</b>                           |                                                  |                                                                                                                                                                        |
| Software Engineer- IT Services                       | High                                             | These companies are basically looking for good English and Logical skills with average Quantitative ability.                                                           |
| Software Engineer- IT Product                        | High                                             | These companies are basically looking for good English, Programming and Logical skills with average Quantitative ability.                                              |
| <b>Technical Operations</b>                          |                                                  |                                                                                                                                                                        |
| Associate- ITES/BPO                                  | High                                             | These companies look for candidates proficient in English with average Logical and Quantitative abilities.                                                             |
| Associate- ITES Operations (Hardware and Networking) | High                                             | These companies are basically looking for candidates with good English and average Logical abilities.                                                                  |
| <b>Non-technical Jobs</b>                            |                                                  |                                                                                                                                                                        |
| Analyst                                              | High                                             | These companies look for candidates having proficiency in English with good Quantitative and Reasoning abilities.                                                      |
| Creative Content Developer                           | Cannot Comment                                   | These companies look for candidate with proficiency in English with good reasoning abilities. We cannot comment since you have not attempted all the required modules. |



## Section II: SELECTION COMPARATOR

The graphs below show the minimum cut-off in each module every job profile (marked with solid blue lines). It also shows your AMCAT score, which is represented by a dot and connected through dotted lines. You can compare different job profiles cutoffs with your score to get an idea about how well or poorly you do with respect to each module for a given profile.



\* For some profiles personality scores have also been considered.



We hope you have read this Chapter seriously and plan to take next steps based on your interest and employability for different job profiles. We recommend the following action plan:

| INTEREST      |      |                                                                                     |                                                                                                                                                           |
|---------------|------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Employability | HIGH |                                                                                     | MEDIUM/LOW                                                                                                                                                |
|               | HIGH | Prepare for interviews for these profiles.<br>Check out references from Chapter VI. | Gather more information about profiles and re-evaluate your interest. If you find that they may interest you, start preparing for their interviews.       |
|               |      | MEDIUM/LOW                                                                          | Start working to improve on AMCAT modules required for the profile.<br>Re-take AMCAT after three months to improve your chances of interview opportunity. |

Work hard and you will soon be able to crack a job in a profile of your interest. The next chapter will provide some tips to you to improve yourself in different modules.



## Chapter VI. IMPROVE YOUR EMPLOYABILITY

To be able to improve your employability you need to concentrate on improving your weak areas while maintaining your strengths. This chapter shall guide you to resources and a plan to do this. Based on your weak areas as enumerated in Chapter III and improvement areas for specific job profiles (discussed in Chapter V), you should take next steps to improve your employability. To do this effectively you need to pick the right books/resources/training for each area and spend a balanced amount of time on across subjects.

Our intelligent feedback system, based on your weaknesses and strengths has picked material to refer to and created a study time schedule. Both when used effectively can help you improve your employability substantially.

### SECTION I: REFERENCES

Based on your AMCAT report, we have picked authoritative resources to help you improve. The references are custom generated for you according to your performance in AMCAT. These resources are free to access over the internet and should come handy in your endeavor to improve your employability.

| Subjects            | Books/Links                                                                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Deductive Reasoning | Deductive Reasoning Applications - <a href="http://www.aspiringminds.in/referenceLinks.php?file=ded-reasoning">http://www.aspiringminds.in/referenceLinks.php?file=ded-reasoning</a> |

### SECTION II: SUGGESTED TIME SCHEDULE

Based on your performance, we have come up with a time schedule. By following this time schedule, you can ensure that you will continue to maintain your strong modules, while improve substantially in those that are lacking.

The pie chart below, tells you about how much time you should ideally be spending on different modules. Always remember, it is required to spend a fixed amount of time on all modules even though you might be strong in them. Perfection is said to come from continuous practice.

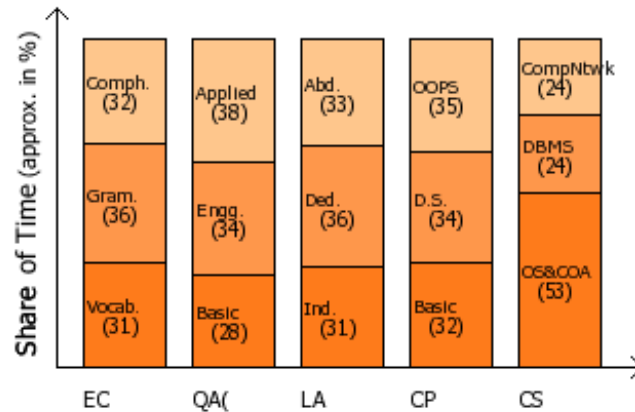
And for the modules in which you might be lagging a bit, there is always time for improvement. So just put your chin down and start working on them from today. It has to start somewhere, it has to start sometime. What better place than here, what better time than now?



We also provide you a time split for each section in the module. Based on your performance, we automatically



adjust times so that you spend more time on weak sub-sections in a module and less in others. This is contrary to what students generally do! They keep doing questions which they are able to solve and do not attempt those which they find tough. To improve your weak areas, you just need to do the opposite. Spend more time preparing for weak areas, even if it takes more time to learn and practice it.



We hope that your performance analysis has helped you understand your strengths and weaknesses. Let us now understand what your next steps should be.



## Chapter VII. NEXT STEP

Your AMCAT experience is still not over!

Assessment is a continuous process which does not end with just an evaluation. In fact this is just the beginning. You need to work hard to succeed in tests and interviews of companies and finally do wonders at the job.

During the next three weeks, you will be automatically enrolled in the AMCAT Job-Readiness Capsule to help you get closer to your dream company interview. We will interact with you on a regular basis via emails to guide you through the capsule and check your progress. We will send you SMSes with helpful tips, guidance and employability updates for the next 3 months. Make sure you not only read these SMSes, but also do the things they recommend. We will also guide you in making your resume and help you perform best at an interview. Make sure you regularly log into your myamcat.com account to make maximum use of these resources and tips.

Also, to make sure you receive the best job opportunities matching your profile, you need to keep your profile at myamcat.com upto date with your most recent information and contact details. Do not compromise here, lest you miss a desired interview opportunity!

### **We need your feedback**

Throughout this report, we have provided you with feedback. We also look for your feedback!

It is our endeavor to continuously improve ourselves so that the user has a great test experience. Please contact us in case you have any feedback about the test or the test experience in general. Your valuable comments will help us in fixing the glitches, if any, in our system.

In case of any query, feedback or suggestion please log in to your myAMCAT account and fill up the form at [www.myamcat.com/need-help](http://www.myamcat.com/need-help).





## Words for life

*Once upon a time a very strong woodcutter asked for a job with a timber merchant, and he got it.*

*The salary was really good and so were the work conditions. For that reason, the woodcutter was determined to do his best. His boss gave him an axe and showed him the area where he was supposed to work. The first day, the woodcutter brought 18 trees "Congratulations," the boss said. "Go on that way!"*

*Very motivated by the boss' words, the woodcutter tried harder the next day, but could bring 15 trees only.*

*The third day he tried even harder, but could bring 10 trees only. Day after day he was bringing less and less trees. "I must be losing my strength", the woodcutter thought.*

*He went to the boss and apologized, saying that he could not understand what was going on.*

*"When was the last time you sharpened your axe?" the boss asked. "Sharpen? I had no time to sharpen my axe. I have been very busy trying to cut trees..."*