

NAME : KRUSHNA BABAN MALI

PRN: 2019BTECS00043

BATCH : T2

PRACTICAL : 5B

Link for web page :

https://mkkrishna12.github.io/pl3-practicals/Practical_5B/2019BTECS00043_5B_PL3_PS1.html

5B_1 :

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <title>Astronomy Blog</title>
</head>
<body>
  <header style="text-align: center">
    <h1>Astronomy Blog</h1>
    <h3>By Mali Krushna Baban</h3>
  </header>
  <hr />
  <article>
    <h2>What is Astronomy?</h2>
    <p style="font-size: 20px;">
      &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;Astronomy is the study of everything in the universe beyond Earth's atmosphere. That includes objects we can see with our naked eyes, like the Sun , the Moon , the planets, and the stars . It also includes objects we can only see with telescopes or other instruments, like faraway galaxies and tiny
```


parents break out in hives, which might even have a motorized and computer-controlled mount.


```
<br />
```

 This really could've been the #1 reason, but I wanted to end big. Back in the olden days of the 20th Century, science kids were ridiculed and derided. But that's changing. Being smart is cool, and now we can speak in public (figuratively, if not literally) about our favorite nebula or galaxy. We can go online and find astronomy clubs, we can find like-minded people all over the Internet to talk to, ask questions, engage in debates, and just be ourselves.

</p>

</article>

```
<article style="font-size: 20px;">
```

Astronomy Jobs and Average Salary

<u1>

Research Scientist: 87,849 USD/year

```
<li>Planetarium director: 85,489
```

USD/year

```
<li>Meteorologist: 85,589 USD/year</li>
```

```
<li>Aeronautical engineer: 99,796
```

USD/year

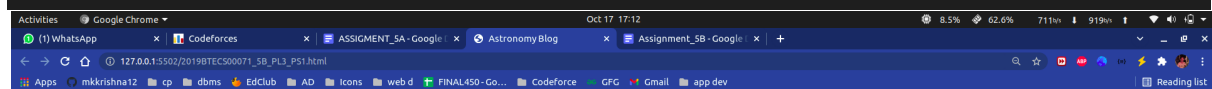
Astronomer: 111,090 USD/year

Astrophysicist: 119,580 USD/year

</article>

```
<hr />
<h2>Other Related Blogs:</h2>
<ul>
  <li>
    <a
href="https://skyandtelescope.org/astronomy-inform
ation/">
      Begineer Guide to Astronomy
    </a>
  </li>
  <li>
    <a
href="https://news.fit.edu/academics-research/skil
ls-successful-astronomy-career/">
      Skills required for Astronomy Student
    </a>
  </li>
  <li>
    <a
href="https://blog.edgart.com/beyond-the-stars-a-c
areer-in-astronomy-scope-opportunities/">
      Scope of Astronomy
    </a>
  </li>
</ul>
<hr />
<address>
  <p>Contributed By : <strong>Krushna Baban
Mali</strong></p>
```

```
<p>Contact Number :
<strong>9834371836</strong></p>
<p>
  Email :
  <strong>
    <a
href="krishna.mali@walchandsangli.ac.in">
      krishna.mali@walchandsangli.ac.in
    </a>
  </strong>
</p>
</address>
</body>
</html>
```



Astronomy Blog

By Mali Krushna Baban

What is Astronomy?

Astronomy is the study of everything in the universe beyond Earth's atmosphere. That includes objects we can see with our naked eyes, like the Sun , the Moon , the planets, and the stars . It also includes objects we can only see with telescopes or other instruments, like faraway galaxies and tiny particles. And it even includes questions about things we can't see at all, like dark matter and dark energy.

Why Astronomy is so much popular?

Before the Internet, if you had a question about how to start engaging in astronomical pursuits, you had three avenues to get your answers:

- Buy a book and trudge through technical jargon, spending half your time looking words up in a dictionary and re-reading previous pages, trying to wrap your head around the difference between declinations and constellations.
- Subscribe to Sky & Telescope, or another publication, and spend half your time reading the book from issue #1, trying to get up to speed on just what they're talking about.
- Talk to someone you knew who owned a telescope and could mentor you... OK, so you really only had two roads to take, because NO ONE you knew owned a telescope or knew how to use one.

In the infancy of the Internet, there were budding websites and chat rooms that you could visit for advice. Now, with high-speed access, websites, and apps, if you have any question, there's already someone who has asked it, and has had it answered. And there's probably a video about it. A quick Google search and you're on your way, and entire communities of people are eager to help you get started.

It used to be that if you were a kid and you wanted a telescope, your parents would either say that you were crazy if you thought they were going to spend a ton of money on a passing phase... or they'd get you a special from the mall. Unfortunately, either choice was horrible for you. The cheap 'scopes were more than useless and drove you away from astronomy and into the waiting arms of video games. day.

Today, a decent 'scope can be had at a price that won't make parents break out in hives, which might even have a motorized and computer-controlled mount.

This really could've been the #1 reason, but I wanted to end big. Back in the olden days of the 20th Century, science kids were ridiculed and derided. But that's changing. Being smart is cool, and now we can speak in public (figuratively, if not literally) about our favorite nebula or galaxy. We can go online and find astronomy clubs, we can find like-minded people all over the Internet to talk to, ask questions, engage in debates, and just be ourselves.

Aastronomy Jobs and Average Salary

- Research Scientist: 97,849 USD/year
- Planetarium director: 85,489 USD/year
- Meteorologist: 85,589 USD/year
- Aeronautical engineer: 99,796 USD/year
- Astronomer: 111,090 USD/year
- Astrophysicist: 119,580 USD/year

Other Related Blogs:

- [Engineer Guide to Astronomy](#)
- [Skills required for Astronomy Student](#)
- [Scope of Astronomy](#)

Contributed By : [Krushna Baban Mali](#)

Contact Number : 9834371836

Email : krishna.mali@walchandsangli.ac.in

5B_2:::

```
<!DOCTYPE html>
```

```
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <title>Find Sum and Average</title>
</head>
<body>
  <h2 style="text-align: center">
    Write a program in any language to read 10
numbers from keyboard and find
    their sum and average.
  </h2>
  <hr />
  <h3>CPP Code:</h3>
  <pre>
  <code>
    #include <bits/stdc++.h>
    using namespace std;

    // driver code
    int main()
    {
        int arr[10];
        cout << "Enter 10 numbers: \n";
        for(int i=0;i<10;i++)
            cin>>arr[i];
        int ans;
        for(int i=0;i<10;i++)
            ans+=arr[i];
        cout << " Sum is: " << ans << endl;
```

```
        cout<< "Average of Given 10 Numbers: "<<
ans/10.0 << endl;
        return 0;
    }
</code>
</pre>
<hr />
<section>
    <kbd>
        Enter 10 numbers:
        <br />
        8 52 3 109 35 19 44 58 13 77
    </kbd>
</section>
<hr />
<section>
    <samp>Sum is: 418</samp>
    <br />
    <samp>Average is: 41.8</samp>
</section>
<hr />
<section>
    <var>used variables: arr[] </var>
</section>
<hr />
<section>
    <p>Time Complexity: O(N)</p>
</section>
<hr />
<section>
```

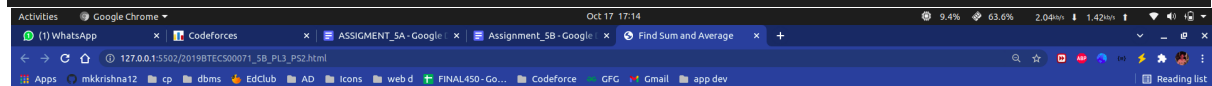


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</div>
    Reference :
    <a
href="https://www.geeksforgeeks.org/program-average-
array-iterative-recursive/"
    target="blank"
    >
        Link for the Problem
    </a>
</div>
</section>
<hr />

</body>
</html>

```



Write a program in any language to read 10 numbers from keyboard and find their sum and average.

C++ Code:

```

#include
using namespace std;
// driver code
int main()
{
    int arr[10];
    cout << "Enter 10 numbers: \n";
    for(int i=0; i<10; i++)
        cin >> arr[i];
    int ans;
    for(int i=0; i<10; i++)
        ans+=arr[i];
    cout << "Sum is: " << ans << endl;
    cout << "Average of Given 10 Numbers: " << ans/10.0 << endl;
    return 0;
}

```

Enter 10 numbers:
8 52 3 109 35 19 44 58 13 77

Sum is: 418
Average is: 41.8

used variables: arr[]

Time Complexity: O(N)

Reference : [Link for the Problem](#)

5__C.....

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <title>Daily Quotes</title>
  </head>
  <body>
    <header style="text-align: center">
      <h1>Quotes</h1>
    </header>
    <br />
    <hr />
    <section>
      <blockquote>
        <h2>
          <q>
            Do not dwell in the past, do not dream
of the future, concentrate the mind on the present
moment.
          </q>
        </h2>
        <aside>
          Quoted By:
          <em>
            Buddha
          </em>
        </aside>
      <br />
    </section>
  </body>
</html>
```

```
<a
href="https://workspace.digital/30-quotes-on-oppor
tunity/">

https://workspace.digital/30-quotes-on-opportunity
/

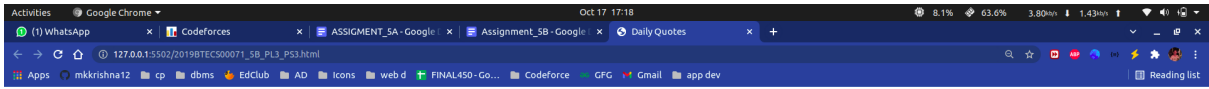
</a>
</blockquote>
<br />
<hr />
<blockquote>
  <h2>
    <q>
      A wise man will make more opportunities
than he finds.
    </q>
  </h2>
  <aside>
    Quoted By:
    <em>
      Francis Bacon
    </em>
  </aside>
  <br />
  <a
href="https://www.brainyquote.com/quotes/abraham_l
incoln_101733">

https://www.brainyquote.com/quotes/abraham_lincoln
_101733
```

```
</a>
</blockquote>
<br />
<hr />
<blockquote>
  <h2>
    <q>
      If you can't explain it simply, you
don't understand it well enough.
    </q>
  </h2>
  <aside>
    Quoted By:
    <em>
      Albert Einstein
    </em>
  </aside>
  <br>
  <a
href="https://www.brainyquote.com/quotes/albert_ei
nstein_383803">
https://www.brainyquote.com/quotes/albert_einstein
_383803
  </a>
</blockquote>
</section>
<hr />

</body>
```

</html>



Quotes

“ Do not dwell in the past, do not dream of the future, concentrate the mind on the present moment. ”

Quoted By: Buddha

<https://workspace.digital/30-quotes-on-opportunity/>

“ A wise man will make more opportunities than he finds. ”

Quoted By: Francis Bacon

https://www.brainyquote.com/quotes/abraham_lincoln_101733

“ If you can't explain it simply, you don't understand it well enough. ”

Quoted By: Albert Einstein

https://www.brainyquote.com/quotes/albert_einstein_383803