

# Weekly Exercise 3

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# 1 Question 1

ARTHUR C. CLARKE

SIR ARTHUR CHARLES CLARKE

- Lived at 16 December 1917–19 March 2008
- Alma mater: King’s College London
- Career:
  1. a British science action writer,
  2. science writer and futurist,
  3. inventor,
  4. undersea explorer,and
  5. television series host

He is famous for being co-writer of the screenplay for the 1968 film 2001: A Space Odyssey, widely considered to be one of the most influential films of all time.

*Clarke was a science writer, who was both an avid populariser of space travel and a futurist of uncanny ability. On these subjects he wrote over a dozen books and many essays, which appeared in various popular magazines.*

In 1961 he was awarded the **Kalinga Prize**, an award which is given by UNESCO for popularizing science. These along with his science fiction writings eventually earned him the moniker “Prophet of the Space Age”. His other science fiction writings earned him a number of Hugo and Nebula awards, which along with a large readership made him one of the towering figures of science fiction.

For many years Clarke, Robert Heinlein and Isaac Asimov were known as the “Big Three” of science fiction.

## 2 Question 2

### Biography

#### Early years

Clarke was born in Minehead, Somerset, England, and grew up in nearby Bishops Lydeard.

As a boy, he grew up on a farm enjoying stargazing, fossil collecting, and reading American science fiction pulp magazines.

He received his secondary education at Huish Grammar school in Taunton. Early influences included dinosaur cigarette cards, which led to an enthusiasm for fossils starting about 1925.

- Clarke attributed his interest in science fiction to reading three items: the November 1928 issue of *Amazing Stories*, in 1929; *Last and First Men* by Olaf Stapledon in 1930; and *The Conquest of Space* by David Lasser in 1931.

In his teens, he joined the Junior Astronomical Association and contributed to *Urania*, the society's journal, which was edited in Glasgow by Marion Eadie.

This paragraph has the normal – or default – justification, but notice that it is not indented.

### 3 Question 3

When is Arthur C. Clarke born?\_\_\_\_\_

What is the name of the university he graduated?\_\_\_\_\_

List the most important books he has read (according to him):  
before 1931 (3) \_\_\_\_\_ and at 1931(1)\_\_\_\_\_

### 4 Question 4

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## 5 Question 5

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## 6 Question 6

Program : T<sub>E</sub>X  
Author(s) : Donald Knuth  
Manuals :

Name	Author	Publisher
TheT <sub>E</sub> XBook	Donald Knuth	Addison-Wesley
The Advanced T <sub>E</sub> X Book	David Salomon	Springer-Verlag

## 7 Question 7

```
public int[] InsertionSort(int[] data){
    int len = data.length;
    int key = 0;
    int i = 0;
    for(int j = 1; j<len;j++){
        key = data[j];
        i = j-1;
        while(i>=0 && data[i]>key){
            data[i+1] = data[i];
            i = i-1;
            data[i+1]=key;
        }
    }
    return data;
}
```