

Arrays and Abstract Data Type in Data Structure (With Notes)

CodeWithHarry

So I have a friend that wanted to build a PC So he approached me and asked " Harry , can you give me a blueprint to build PC ? " " So that with that blueprint I can make someone build PC? " " I want to do gaming and streaming. " So I gave him this blueprint. I told him all the main components of a PC. And even if he makes a mistake , It wo n't be a big deal. We will study array ADT. Array as an Abstract Data Type. Arrays as an abstract data type. In that , I will give you MRF. Not MRF tyres, nor the bat one ; I 'll give you minimal. . . minimal Required functionalities. And some operations , that you can define later on your own. Let us understand this with the example of an array. Arrays can be found in a lot of programming languages. Arrays are found in C, C++, Java and Java. In Python, they are called 'lists' and in Java, they're called lists. There are some minimal required functionalities in arrays. For example, Get is done , Set is done. Along with that there can be a resize functionality.

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