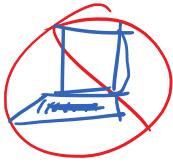
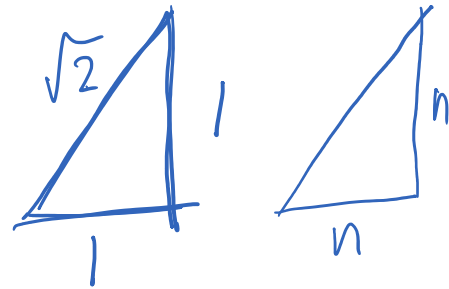


# "The Big Picture" Computer Science

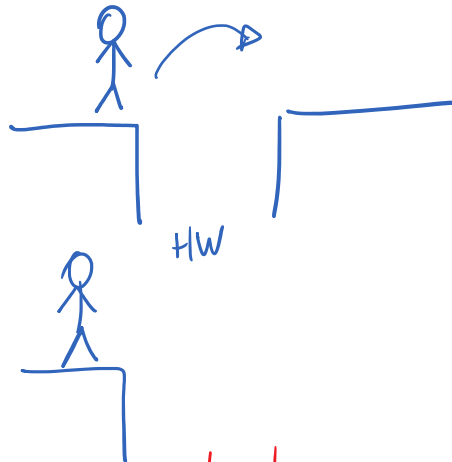


## Problems:

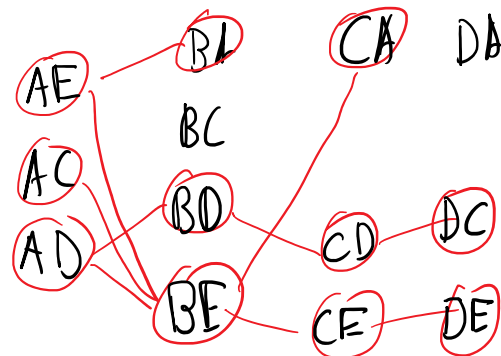
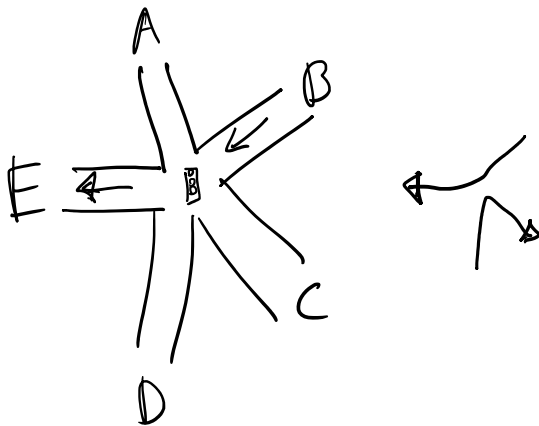
"What problems can be solved in an automated way and How?"  
show the Algorithm.



C++



Planning is essential! HW



A A L L

" " " "

↓

- 1) Abstract
- 2) Algorithm
- 3) Refine
- 4) Implement

"Programming is refinement of specification"  
- Wirth

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Areas:

- C++
  - Programming Techniques
  - Abstract Data Types & Data Structures
- 

```
int main ()  
{  
    int x;  
    float y;  
  
    y = 7.3;  
    x = 4 + y;  
}
```

