Progression in Computer Science

HESSLE HIGH SCHOOL
& SIXTH FORM COLLEGE

PROSPERUM ITER FACIAS

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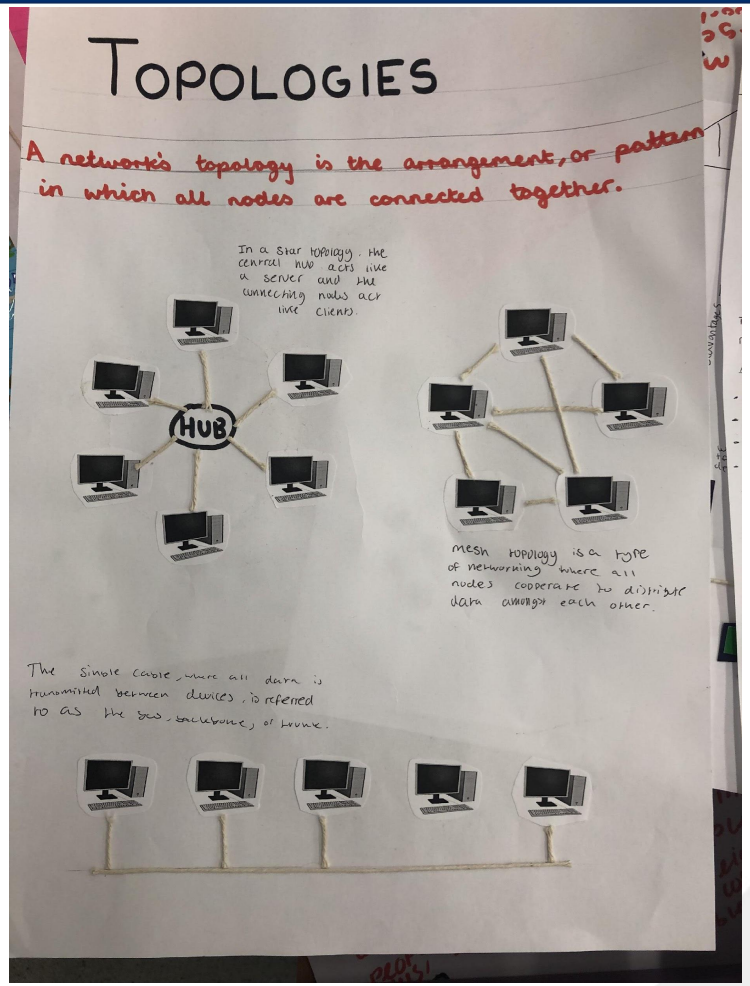
Year 10



I can identify and discuss different network topologies.

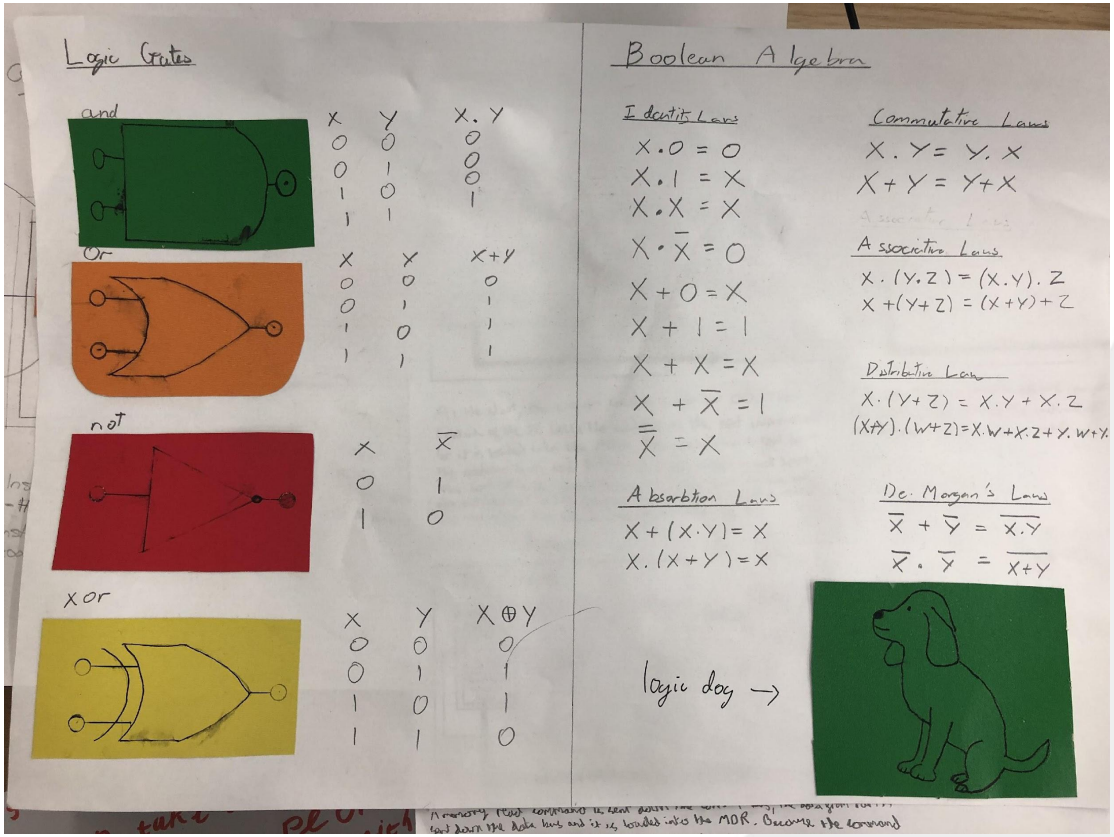
Year 11

```
def retry():
    spaces=int(14)
    ticket_price=int(8)
    print("we have no change")
    print("welcome to the car park there are "+ str(spaces) +" spaces left")
    reg=input("enter the last 3 digits of your number plate").upper()
    if reg.isalpha():
        while len(reg)!=3:
            print("try again type retry() ")
        if len(reg)==3:
            print("thankyou you may carry on and find a space")
            cash=int(input("please pay £"+str(ticket_price)+" for your ticket"))
            remainder=8
            while cash<8 or remainder>0:
                remainder=remainder-cash
                print("you have paid £"+str(cash)+" currently")
                print("you need to pay £"+str(remainder)+" more")
                cash=int(input("pay more"))
            if cash==8:
                print("thanks have a nice day")

    else:
        print("try again type retry() ")
try()
```

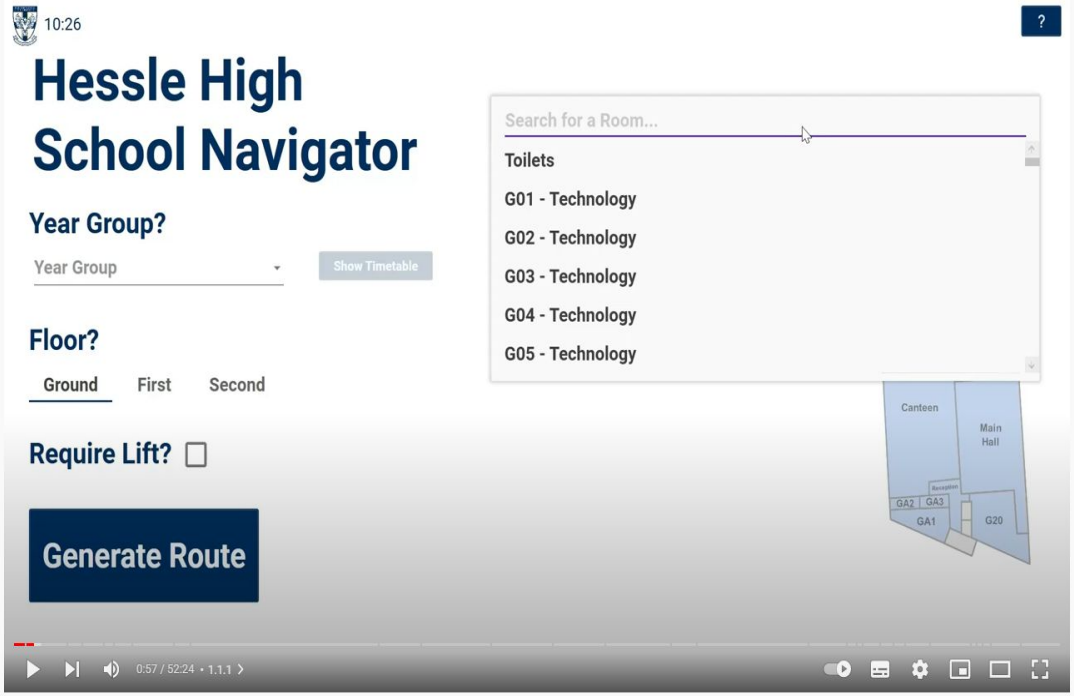
I can write programs that are robust and use validation to stop the program from crashing

Year 12

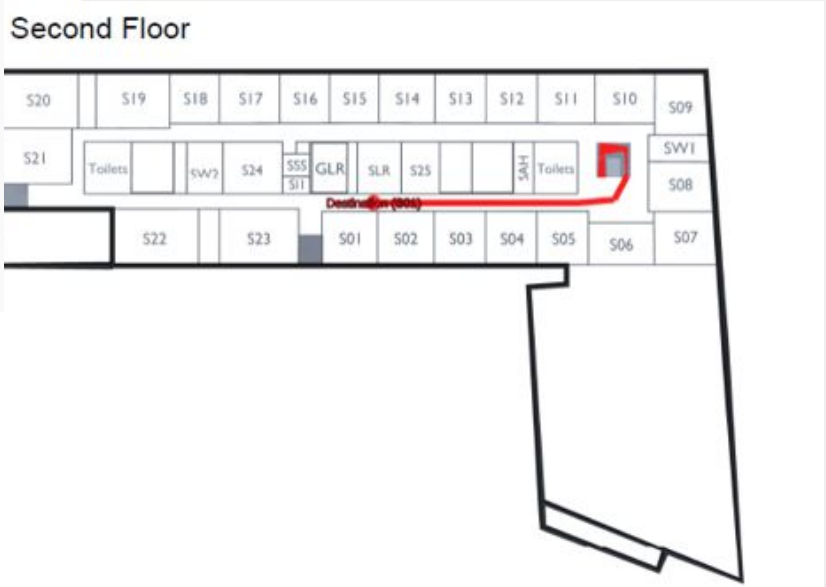


I can simplify Boolean Logic expressions.

Year 13



I can create project using complex industry standard algorithms

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