Your answers:

Q-1	Q-2	Q-3	Q-4	Q-5	Q-6
A	C	D	B	D	D

```python
1   age = int(input("Enter your age: "))
2   if age >= 9:
3     height = float(input("Enter your height in cm: "))
4     if height > 130:
5       print("You may go on this ride!")
6     else:
7       print("You are too short.")
8   else:
9     print("You are too young.")
10
11
```

```
~/GitHub/CS1026 labs* 00:25:32 >
/opt/homebrew/bin/python3 /Users/rohin/GitHub/CS1026/lab2/1.py
Enter your age: 10
Enter your height in cm: 130
You are too short.
~/GitHub/CS1026 labs* 00:25:24 >
/opt/homebrew/bin/python3 /Users/rohin/GitHub/CS1026/lab2/1.py
Enter your age: 10
Enter your height in cm: 160
You may go on this ride!
~/GitHub/CS1026 labs* 00:25:30 >
```

```python
ideal_credit_score = 720

userScore = int(input("Enter your credit score: "))
housePrice = int(input("Enter the price of the house: "))

if (userScore >= ideal_credit_score):
    downPayment = 0.1 * housePrice
elif (userScore < ideal_credit_score and userScore > 600):
    downPayment = 0.2 * housePrice
else:
    downPayment = 0.3 * housePrice

print("Your down payment is ${}".format(str(downPayment)))
```

```
/opt/homebrew/bin/python3 /Users/rohin/GitHub/CS1026/lab2/2.py
Enter your credit score: 100
Enter the price of the house: 20
Your down payment is $6.0
~/GitHub/CS1026 labs* 00:25:48 >
/opt/homebrew/bin/python3 /Users/rohin/GitHub/CS1026/lab2/2.py
Enter your credit score: 700
Enter the price of the house: 20
Your down payment is $4.0
~/GitHub/CS1026 labs* 00:25:54 >
```