```python
# Lab-6 Solutions
#Part 1 Vickrey Auction
#1
input_bidders = input("enter a list of bidder names separated by commas: ")
#2
input_bids = input("enter a list of bid values separated by spaces: ")
#3
bidders = input_bidders.split(",")
bids = input_bids.split() #default is " "
#4
for i in range(len(bids)):
    bids[i] = float(bids[i])
#5
ordered_bids = sorted(bids)
#6
# highest bid will be at end of ordered_bids
highest_bid=ordered_bids[-1]
highest_bid_index=bids.index(highest_bid) #highest bid index in bids list
highest_bidder=bidders[highest_bid_index]
second_highest_bid=ordered_bids[-2]
second_highest_bid_index=bids.index(second_highest_bid)
second_highest_bidder=bidders[second_highest_bid_index]
#7
# print result
print(highest_bidder,"had the highest bid of $"+str(highest_bid))
print(second_highest_bidder,"had the second highest bid of $"+str(second_highest_bid),highest_bidder,"pays this bid.")


#Part 3 Assignment 2 Input
record = input("Enter Student Record (Name, ID, program, and 5 grades separated by commas and no spaces):")
record_list = record.split(",")
record_list[1]=int(record_list[1]) #ID is an integer
record_list[3]=float(record_list[3]) #T1 grade is float
record_list[4]=float(record_list[4]) #T2 grade is float
record_list[5]=float(record_list[5]) #A1 grade is float
record_list[6]=float(record_list[6]) #A2 grade is float
record_list[7]=float(record_list[7]) #proj grade is float
total_grade = sum(record_list[3:])
if total_grade >= 87:
    letter_grade = 'A'
elif total_grade >= 75:
    letter_grade = 'B'
elif total_grade >= 65:
    letter_grade = 'C'
else:
    letter_grade = 'F'
record_list.append(total_grade)
record_list.append(letter_grade)

print("Student list is",record_list)


""" Part 3
Solution in IDLE
"""
```