```python
from datetime import datetime


def get_email ():
    flag = True
    match = False

    while match == False: # My loop that will be used to match the 2 inputted
emails
        while flag:
            email = input ('Please enter your email address: ')
            if "@" not in email or not "." in email:
                print("The email entered did not match expected format. Please
try again")
                flag = True
            else:
                flag = False

        #Additional validation check added by me to ensure the 2 emails match
        email2 = input ('Please re-enter to confirm your email address:  ')
        if email != email2:
            print("Emails do not match. Please try again.")
            flag = True
        else:
            match = True

    return email

def get_booking_date():
    now = datetime.now()
    booking_date = now.date()

    return booking_date

def get_entry_date():

    flag = True

    while flag:
        user_date = input('Please enter date you wish to visit Recoats Adventure
Park (DD/MM/YYYY): ')

        try:
            datetime.strptime(user_date, "%d/%m/%Y").date() # Corrected
'user_dat' into the correct 'user_date'
        except:
            print("Sorry, you did not enter a valid date")
            flag = True
        else:
            return datetime.strptime(user_date, "%d/%m/%Y").date()


def get_ticket_numbers (ticket_type):

    flag = True

    while True:
        num_tickets = input('Please enter the number of {} tickets required:
'.format(ticket_type))

        try:
            int(num_tickets)
        except:
```

```python
                print("Sorry, you did not enter number")
                flag = True
        else:
            #print(num_tickets) # Was written in to test how the variable is
formatted
            return num_tickets

#checks that the age of junior ticket holders is 16 or under
def check_age (num_junior):

    not_junior = 0

    for i in range(int(num_junior)):
        flag = True

        while flag:
            age = input('Please enter the age for junior ticket {} :
'.format(i+1))

            try:
                int(age)
            except:
                print("Sorry, you did not enter number")
                flag = True
            else:
                if int(age) < 16:
                    # not_junior = not_junior + 1
                     flag = False
                else:
                    print("Sorry you have entered an age over 16. This ticket
has been chnaged to an adult ticket")
                    not_junior = not_junior + 1
                    flag = False

    return not_junior

def calculate_subtotal (adults,juniors):
    adult_subtotal = adults * 17.50
    junior_subtotal = juniors * 11.00 # Changed the calculation to a * sybol
instead of a + symbol

    subtotal = adult_subtotal + junior_subtotal

    summary = dict(num_adults = adults, cost_adults = adult_subtotal,
                   num_junior = juniors, cost_juniors = junior_subtotal,
                   before_discount = subtotal)

    return summary

def calculate_total (subtotals):
    total_tickets = subtotals.get("num_adults") + subtotals.get("num_junior")
    subtotals.update({"num_tickets": total_tickets})

    if total_tickets >= 8:
        discount = 0.15 # Was originally 15. Now it is 0.15 to represent 15%
    else:
        discount = 0

    temp_subtotal = subtotals.get("before_discount")
    total_with_discount = temp_subtotal - (temp_subtotal * discount)

    subtotals.update({"total" : total_with_discount})

    return subtotals
```

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def output_summary(final_total, name, email, order_date, entry_date):
    print("####################################")
    print("##         Order Summary          ##")
    print("====================================")
    print("Name: {}".format(name))
    print("Email: {}".format(email))
    print("Date booked: {}".format(order_date))
    print("Date of entry: {}".format(entry_date))
    print("Number of Adult Tickets: {}".format(final_total.get("num_adults")))
    print("Number of Junior Tickets: {}".format(final_total.get("num_junior")))
# Changed this variable to be junior and not adult
    print("Total tickets ordered: {}".format(final_total.get("num_tickets")))
    print("Total before discount: £
{}".format(final_total.get("before_discount")))
    print("Total after discount: £{}".format(final_total.get("total")))

valid = False
while valid == False:
    name = input ("Please enter a name for the booking: ") # Esnured this input
is validated so that a name must be entered
    if name == '':
        print("Sorry, you did not enter a name")
    else:
        valid = True

email = get_email()
order_date = get_booking_date()
entry_date = get_entry_date()

adult_tickets = get_ticket_numbers ("adult")
junior_tickets = get_ticket_numbers("junior")

not_junior = check_age(junior_tickets)

final_adult_tickets = int(adult_tickets) + int(not_junior)
final_junior_tickets = int(junior_tickets) - int(not_junior)

subtotals = calculate_subtotal(final_adult_tickets, final_junior_tickets)

final_total = calculate_total (subtotals)

print(output_summary(final_total, name, email, order_date, entry_date))
```