Event class: to hold event information   
date – datetime object format MM-DD-YYYY

name of person

event type

functions:

overload \_\_str\_\_ for ease of printing to screen and formatting

functions:

event dictionary – creates a dictionary from input to be used

event object – creates an object from input to print out event information

add- ask for date name and event type and store it into a json

edit- load json and change value request then store change into json

delete – load json and remove entry requested by the user

name\_search – load json and check it for name requested by user

event\_search

upcoming – checks to see if events are within a week used date time to do date arithmetic

notification – upon opening application if an event is coming up within 2 days then it will print the events to the screen automatically

gift – reads from a json gift ideas for different events

ui – command console used because of ease of implementation and quick testing

with more time would create gui for more user friendly experience

The ui uses options in order to make it more accessible to someone just starting to use it no need to read instructions before using the application