FOUNDATION 4 PROJECT OPTION

FOUNDATION 1 -_author: string -_title: string -_length: int -_comments: / ... Comment LOMM LuserName: string Lomment: string _length: int _comments: List Valeo(string author, string title, int length) Add(comment(string author, string comment) Display(valeo(Tho(): void Display(valeo(Comments(): void Comment (string userN GetUserName(): string GetComment(): string + ShetTitle(): string + ShetAuthor(): string + ShetLength(): int + ShetCommentsCount(): int FOUNDATION 2 _product: List _customer: Customer _totalCost: Float _shippingCost: Float + Order(Customer customer, List/Product) product) - CalculateTotalCost(): void - GetTotalCost(): Roat - GetTshippingLabel(): string - GetPackingLabel(): string _street.Address: string _city: string _state: string Customer(string name, Address address) GetIsFormUSA(): bool GetAddress(): Address GetName(): string -_state string _-country string Address(string street, string city, string state, string cov GetLiveInUSA); bool GetFormattedAddressQ: string FOUNDATION 3 Event Litle string Lakes(rightime string) Lakes string Line: string Event _street: string _city: string _city: string _state: string _zipCode: string _country: string Address(string street, string city, string state, string eipCode, string country) ReturnToString(): string ReceptionEvent OutdorGatheringEvent —_weather-forcast: string routdoor-stathering-trentstring title, string description, string date, string time, delection, string date, string time, dollers: address; string reather-forescast): base(title, description, date, address, Outdoor Gathering Event) LectureBreakstring title, string description, string date, string time, Abdress address, string speaker, string limitedCapacity). base(title, description, date, time, address, electure Event). + override FullDetailedMessage(): string FOUNDATION 4 _date: string _time: int _TypeOfActivity: string Schivity/string date, string TypeOFActivity, int time) HosetSummary(): string Horitual GetDistance(): double Horitual GetDistance(): double Horitual GetPace(): double cyclining.Activity SwimmingActivity

DESCRIPTION:

_distance: distance

_speaker: string _limitedCapacity: string

_speed: double

rCyclingActivity(string date, double distance, int time): base(date, "Cycling", time) # override GitDistance(): double # override GitPace(): double # override GitPace(): double

FOUNDATION 1: The program will keep track of Youtube videos and the comments left on them. The program will iterate through the list of videos and for each one, display the title, author, length, number of comments and then list out all of the comments for that video.

RunningActivity

* RunningActivityAstring date, double distance, int time): base (date, Running, time) ed: # override GetDistance(): double # override GetDistance(): double # override GetPace():double # override GetPace():double

- FOUNDATION 2: The program will help a company with their product ordering system by getting the packing label, shipping label, and total price of the order.

 The Main class will handle the menu and interactions and will call each one of the class for the desired actions
- FOUNDATION 3: The program will help a planning company, by tracking each of the events and produce the marketing material to distribute on social media. The Main class will handle the menu and interactions, while the class Event will be the super class, sharing behaviors and properties to the sub classes

SulminingActivity\string date, double distance, int time):
ascillate, Summing, time)
override GetDistance(): double
override GetSpaes(): double
override GetPace():double

FOUNDATION 4: The program will help a local fitness center by tracking their customer's exercise. The Main class will handle the menu and interactions.

The Activity class will be the super class and it will share it's properties and behaviors. The sub classes will take those behaviors and override them