1. When to use Interestace and Abstract class Story o "Tangail Transport" of In a city called Tangael: bior · All moving things (like mobots , horses) can move and stop, even if they are different. All vechicles (cars, trucks, bikes) are similar Southey share common features in serotion DAbstroacter classin blow sudos Public void move O & Batem. out. Brinth ("House

Interspace Example: intentace moveable ? roid move(); Noid Stop (); bollos His Class Robot implements Moveable 5 Public void move() & system. out. Print In ("Robot moving"); ?

Public void stopu & system. out. Print In ("Robot stopped") class Honse implements Moveable ? Public void move () & system out Print m ("Horse moving"); Public void move () System. out. Printh ("House stopped");

Abstract class Example " abstract class vehicle & tomore proposition Stroing band 9' refricte (string broand) & this broand = broand; Doid Starot Engine () & system out. Promth (brand + "started") abolinact roid drive c) , and mor class carro extends vehicle & 2000 / 1000 months can (string broand) & super (broand); void drive () & system. out. Printh (brand + wear driving \* Is interface slower than Abstract class? · Yess, a little slower i because interface methods are found at owntime. · but in real program, this diffrence is very small.

\* Abstract Vs Interface Teature Abstract class Intentace of Inheritance only method nam methods can have normal only constant Variables variable class care of send constructors gentor mance of Interface slawer than Abstract class? Tess. a little slower ibecoure methods are found at sountime. , but in socal program, this difference is very small.