

Write a program in the C# programming language, using object oriented design, that simulates animals being classified based on criteria. Provide a method *Categorise* with an argument *Category* and optional argument *HasTail* that can iterate over a container of animals and returns only animals matching the specified arguments. Use the data provided in the table.

Animal	Category	Tail
Baboon	Primate	Yes
Chimpanzee	Primate	Yes
Crocodile	Reptile	Yes
Hippopotamus	Mammal	Yes
Snake	Reptile	No
Lion	Mammal	Yes
Zebra	Mammal	Yes
Cheetah	Mammal	Yes
Gorilla	Primate	No
Giraffe	Mammal	Yes
Lizard	Reptile	Yes

Please submit your answers as a compressed Visual Studio Solution. Visual Studio Express and Visual Studio Community are free to download.