

Name (print)		SID	
Name (print)		SID	

What value is assigned to **ans** in the code below. I have done the first two for you.

	Write here		Write here
>> ans = 1 < 10;	1	>> ans = 1 > 10;	0
>> ans = 1 < 1;		>> ans = 1 <= 1;	
>> ans = 1 < 1.5;		>> ans = 1 < round(1.5);	
>> ans = 1 < min(1,999);		>> ans = 1 < min(1,inf);	
>> 1 <= min(1,inf);		>> ans = 1 < 2 + rand;	
>> kermite = 5; >> ans = kermite < 5		>> kermite = 5; >> ans = kermite <= 5	
>> kermite = 11; >> ans = kermite < kermite		>> kermite = 55; >> ans = kermite == kermite	
>> kermite = 5; >> ans = kermite ~= kermite		>> kermite = 5; >> ans = kermite ~= kermite^2	
>> kermite = 5; >> piggy = 2; >> ans = kermite == piggy		>> kermite = 5; >> piggy = 2; >> ans = kermite ~= piggy	
>> kermite = 5; >> piggy = 2; >> ans = kermite <= piggy		>> kermite = 5; >> piggy = 2; >> ans = kermite >= piggy	
>> kermite = 5; >> piggy = 2; >> ans = kermite+ piggy <= Inf		>> kermite = 25; >> piggy = 21; >> ans = kermite + piggy <= Inf	
>> kermite = 59; >> piggy = 27; >> ans = kermite+ piggy <= 85		>> kermite = 59; >> piggy = 27; >> ans = kermite+ piggy == 82	

What of the following are **L**egal function names that we could make up and use, and which are **N**ot? I have done the first two for you.

	Write here		Write here
MyMaxOfSevenNumbers	L	At Swim two birds	N
AtSwimtwobirds		Sues Max of Seven	
MyMaxOfSeven#s		_My_MaxOf_Seven	
At_Swim_two_birds		4x	
Fork thine		MyMaxOfSevenNums	
isAnOddNum?		if	
Never^at		Never^@	
MyMaxOf7Numbers		N_o_T	
X4		4_x	

Look at the following function I wrote: It does exactly what the build in function **max** does.

```

1 function BiggestNum = EamonnMax(Num1,Num2)
2     BiggestNum = Num1;
3     if Num2 > Num1
4         BiggestNum = Num2;
5     end
6 end

```

What value is assigned to **ans** in the code below. In some cases the answer may be “**Error: Unexpected MATLAB expression.**” I have done the first one for you.

	Write here		Write here
>> ans = EamonnMax(12,2)	12	>> ans = EamonnMax(2,2)	
>> ans = EamonnMax(-12,-2)		>> ans = round(EamonnMax(2))	
>> ans = EamonnMax(2,3,4)		>> ans = EamonnMax(2,3,4,1)	
>> kermit = 59; >> piggy = 27; >> ans = EamonnMax(kermit,piggy)		>> kermit = 9; >> ans = EamonnMax(kermit,10)	
>> kermit = 7; >> piggy = EamonnMax(11,8) >> ans = EamonnMax(kermit,piggy)		>> kermit = 17; >> piggy = EamonnMax(-18, kermit) >> ans = EamonnMax(kermit,piggy)	
>> kermit = Inf; >> piggy = EamonnMax(-Inf,8) >> ans = EamonnMax(kermit,piggy)		>> kermit = round(7.1); >> piggy = round(7.9); >> ans = EamonnMax(kermit,piggy)	
>> GOD = EamonnMax(123,321) >> ans = EamonnMax(G O D,789)		>> fish = round(EamonnMax(1.2,0)) >> ans = EamonnMax(fish,0)	

Look at the following function I wrote: It does something...

```

Editor - C:\Users\eamonn\Documents\MATLAB\mist.m*
File Edit Text Go Cell Tools Debug Desktop Window Help
1 function fowl = mist(fish,taco)
2     fowl = taco;
3     if fish > 12
4         fowl = fish + taco;
5     end
6 end
  
```

What value is assigned to **ans** in the code below. In some cases the answer may be “**Error: Unexpected MATLAB expression.**”

	Write here		Write here
>> ans = mist(113,2)		>> ans = mist(11,2)	
>> ans = mist(10,2)		>> ans = mist(11,2)	
>> ans = mist(10,2,17)		>> blue = 12; >> ans = mist(10,blue,2)	
>> blue = 12; >> ans = mist(blue-8,7)		>> blue = 12; >> ans = mist(blue-8,blue)	
>> blue = 11; >> ans = mist(blue+8,7)		>> blue = 11; >> ans = mist(blue+8,round(10.1))	
>> ans = mist(10,7.6)		>> ans = round(mist(10,7.6))	
>> fish = 111; % Think carefully! >> ans = mist(1,9)		>> taco = 1; % Think carefully! >> ans = mist(1,4)	
>> fowl = 121; % Think carefully! >> ans = mist(7,1)		>> fowl = 121; >> ans = mist(fowl,fish,taco)	