Create Tensor

NOTES:	**All constructors have optional dtype(datatype), out(output tensor), device(cpu/cuda), and requires_grad**	
Uninitialized	torch.empty(*sizes)	torch.empty(3, 4, 5)
Zeros or Ones	torch.zeros(*sizes)	torch.ones(40)
Direct From Data	torch.tensor(data)	torch.tensor([[3, 4],[1, 2]])
Random Uniform [0,1)	torch.rand(*sizes)	torch.rand(8, 8)
Random Normal	torch.randn(*sizes)	torch.randn(1, 224, 224)
Random Ints	torch.randint(low, high, size)	torch.randint(0,100, (12, 12))
Random Perm (0-n)	torch.randperm(n)	torch.randperm(10)
Same Shape as Existing Tensor	torch.zeros_like(existing)	Can be used for zeros/ones/empty/rand/randn/randint

Stack

Stack a sequence of tensors	torch.stack(tensor_list, dim=0)	torch.stack((tensor_a, tensor_b,), dim=1)