3. Usage Patterns of Sudoku Robot Master:

tf.placeholder()		
1	Pre-Set:	{tf.reshape}
	Post-Set:	{tf.reshape, tf.argmax}
	Accompany-Set:	{}

tf.reshape()		
1	Pre-Set:	{tf.placeholder}
	Post-Set:	{tf.placeholder, tf.argmax}
	Accompany-Set:	{}
2	Pre-Set:	{}
	Post-Set:	{}
	Accompany-Set:	{}

tf.argmax()		
1	Pre-Set:	{tf.placeholder, tf.reshape}
	Post-Set:	{}
	Accompany-Set:	{}
2	Pre-Set:	{tf.nn.softmax}
	Post-Set:	{tf.reduce_mean, tf.nn.softmax_cross_entropy_with_logits, tf.train.GradientDescentOptimizer, tf.equal, tf.cast, tf.global_variables_initializer, tf.train.Saver, tf.Session}
	Accompany-Set:	{}

tf.nn.softmax()		
1	Pre-Set:	{}
	Post-Set:	{tf.argmax, tf.reduce_mean, tf.nn.softmax_cross_entropy_with_logits, tf.train.GradientDescentOptimizer, tf.equal, tf.cast, tf.global_variables_initializer, tf.train.Saver, tf.Session}
	Accompany-Set:	{}

tf.reduce_mean()		
1	Pre-Set:	{tf.nn.softmax, tf.argmax, tf.nn.softmax_cross_entropy_with_logits, tf.train.GradientDescentOptimizer, tf.equal}
	Post-Set:	{tf.nn.softmax_cross_entropy_with_logits, tf.train.GradientDescentOptimizer, tf.equal, tf.cast, tf.global_variables_initializer, tf.train.Saver, tf.Session}
	Accompany-Set:	{}

tf.nn.softmax_cross_entropy_with_logits()		
1	Pre-Set:	{tf.nn.softmax, tf.argmax, tf.reduce_mean}
	Post-Set:	{tf.train.GradientDescentOptimizer, tf.equal, tf.reduce_mean, tf.cast, tf.global_variables_initializer, tf.train.Saver, tf.Session}
	Accompany-Set:	{}

tf.train.GradientDescentOptimizer()		
1	Pre-Set:	{tf.nn.softmax, tf.argmax, tf.reduce_mean, tf.nn.softmax_cross_entropy_with_logits}
	Post-Set:	{tf.equal, tf.reduce_mean, tf.cast, tf.global_variables_initializer, tf.train.Saver, tf.Session}
	Accompany-Set:	{}

tf.equal()		
1	Pre-Set:	{tf.nn.softmax, tf.argmax, tf.reduce_mean, tf.nn.softmax_cross_entropy_with_logits, tf.train.GradientDescentOptimizer}
	Post-Set:	{tf.reduce_mean, tf.cast, tf.global_variables_initializer, tf.train.Saver, tf.Session}
	Accompany-Set:	{}

tf.cast()		
1	Pre-Set:	{tf.nn.softmax, tf.argmax, tf.reduce_mean, tf.nn.softmax_cross_entropy_with_logits, tf.train.GradientDescentOptimizer, tf.equal}
	Post-Set:	{tf.global_variables_initializer, tf.train.Saver, tf.Session}
	Accompany-Set:	{}

tf.global_variables_initializer()		
1	Pre-Set:	{tf.nn.softmax, tf.argmax, tf.reduce_mean, tf.nn.softmax_cross_entropy_with_logits, tf.train.GradientDescentOptimizer, tf.equal, tf.cast}
	Post-Set:	{tf.train.Saver, tf.Session}
	Accompany-Set:	{}

tf.train.Saver()		
1	Pre-Set:	{tf.nn.softmax, tf.argmax, tf.reduce_mean, tf.nn.softmax_cross_entropy_with_logits, tf.train.GradientDescentOptimizer, tf.equal, tf.cast, tf.global_variables_initializer}
	Post-Set:	{tf.Session}
	Accompany-Set:	{}

tf.Session()		
1	Pre-Set:	{tf.nn.softmax, tf.argmax, tf.reduce_mean, tf.nn.softmax_cross_entropy_with_logits, tf.train.GradientDescentOptimizer, tf.equal, tf.cast, tf.global_variables_initializer, tf.train.Saver}
	Post-Set:	{}
	Accompany-Set:	{}

tf.Variable()		
1	Pre-Set:	{}
	Post-Set:	{tf.truncated_normal}
	Accompany-Set:	{}
2	Pre-Set:	{}
	Post-Set:	{tf.constant}
	Accompany-Set:	{}

tf.truncated_normal()		
1	Pre-Set:	{tf.Variable}
	Post-Set:	{}
	Accompany-Set:	{}

tf.constant()		
1	Pre-Set:	{tf.Variable}
	Post-Set:	{}
	Accompany-Set:	{}

tf.nn.conv2d()		
1	Pre-Set:	{}
	Post-Set:	{tf.nn.max_pool, tf.nn.relu}
	Accompany-Set:	{}

tf.nn.max_pool()		
1	Pre-Set:	{tf.nn.conv2d}
	Post-Set:	{tf.nn.relu}
	Accompany-Set:	{}

tf.nn.relu()			
1	Pre-Set:	{tf.nn.conv2d, tf.nn.max_pool}	
	Post-Set:	{}	
	Accompany-Set:	{}	
2	Pre-Set:	{tf.matmul}	
	Post-Set:	{}	
	Accompany-Set:	{}	

tf.matmul()			
1	Pre-Set:	{}	
	Post-Set:	{tf.nn.relu}	
	Accompany-Set:	{}	