

```
[[-0.09957359 -0.09696658  0.36089348]
 [ 0.26438939  0.2222634  0.56191389]
 [-0.59986275 -0.3546573 -0.22389099]
 [-0.23720091  0.45374092  0.23078714]
 [-0.42389293 -0.56713489  0.45166698]
 [-0.48919369  0.20456101  0.473528  ]
 [-0.37648775 -0.09923424 -0.49794695]
 [-0.18532713  0.07042779 -0.55313426]
 [-0.12387903 -0.43153567 -0.3962035  ]
 [ 0.04658008 -0.36227821  0.453771  ]]
```

(10, 3)

```
[ [ 0.16435331]
 [ 1.04856668]
 [-1.17841104]
 [ 0.44732715]
 [-0.53936084]
 [ 0.18889532]
 [-0.97366893]
 [-0.66803359]
 [-0.9516182  ]
 [ 0.13807287]]
```

Epoch: 15; Error: 0.053603010724395765;

Epoch: 30; Error: 0.01855561959940065;

Epoch: 45; Error: 0.01736931330071796;

Epoch: 60; Error: 0.017140478353731867;

Epoch: 75; Error: 0.017113436119742278;

Epoch: 90; Error: 0.01709619499419674;

Epoch: 105; Error: 0.01709498583478204;

Epoch: 120; Error: 0.017094772524300132;

Epoch: 135; Error: 0.017094683621553676;

Epoch: 150; Error: 0.017094647682679535;

Epoch: 165; Error: 0.017094633648026818;

Epoch: 180; Error: 0.017094624752912083;

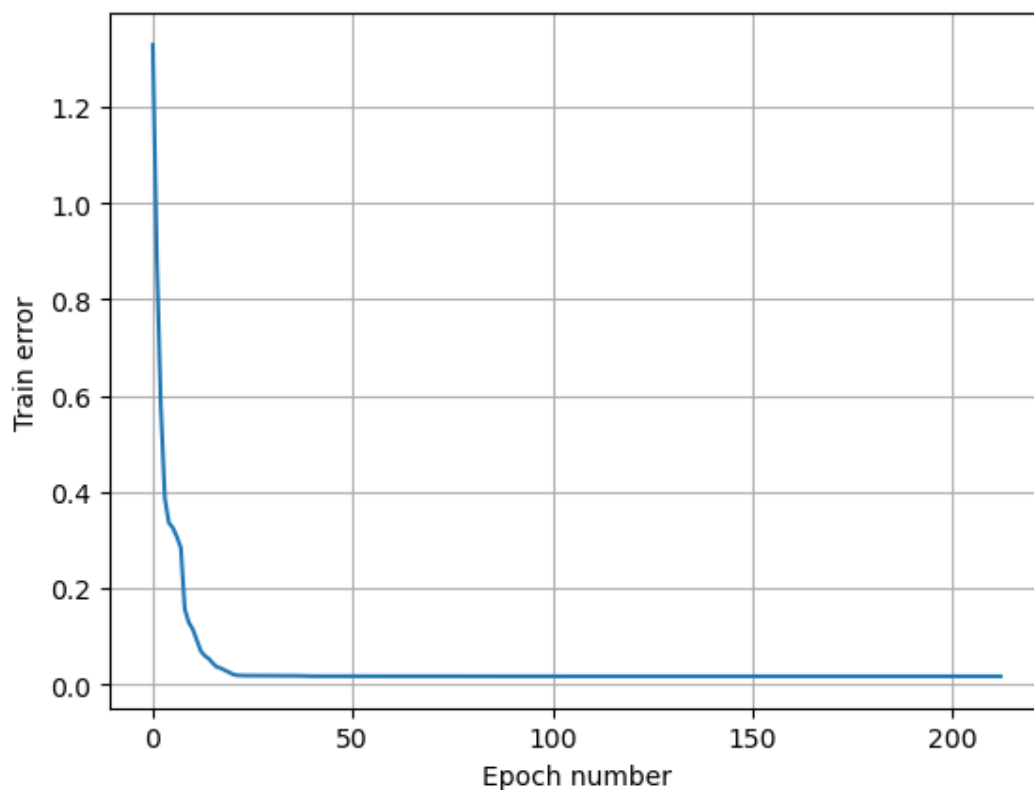
Epoch: 195; Error: 0.017094620287647647;

Epoch: 210; Error: 0.01709461681331861;

Number of inputs: 3

Number of outputs: 1

Number of layers, including hidden layer: 2



```
Result 5: [[0.99999059]]
[[-0.09957359 -0.20802612  0.54021134]
 [ 0.26438939  0.03246972  0.06798383]
 [-0.59986275  0.46313052  0.49872762]
 [-0.23720091 -0.17127629  0.16987945]
 [-0.42389293  0.49024218 -0.13199074]
 [-0.48919369  0.14803214 -0.0168112 ]
 [-0.37648775 -0.58101451  0.12517258]
 [-0.18532713  0.51532468  0.05945751]
 [-0.12387903  0.2290763   0.51141771]
 [ 0.04658008  0.59678742  0.50248012]
 [-0.09696658 -0.39319139 -0.12614926]
 [ 0.2222634  -0.4354371   0.55591503]
 [-0.3546573   0.51911456 -0.3912532 ]
 [ 0.45374092  0.23618179 -0.44840458]
 [-0.56713489 -0.52079979 -0.43790501]
 [ 0.20456101  0.30655566  0.0067946 ]
 [-0.09923424  0.30465143 -0.57417023]
 [ 0.07042779  0.50762944  0.53756425]
 [-0.43153567  0.25382971  0.39253857]
```

[-0.36227821	-0.45087485	-0.58197722]
[0.36089348	-0.57614384	-0.38856449]
[0.56191389	-0.56854682	-0.20152371]
[-0.22389099	-0.56603221	-0.44280379]
[0.23078714	-0.30454672	0.37138883]
[0.45166698	0.43203354	-0.18631602]
[0.473528	0.04659728	0.52812898]
[-0.49794695	0.06338637	0.09841702]
[-0.55313426	0.41043707	0.45459838]
[-0.3962035	-0.45099202	0.41368133]
[0.453771	-0.26497959	0.48647078]
[-0.4819838	0.10291113	-0.04814368]
[-0.09467085	0.5635149	0.05561618]
[0.54946744	0.07323626	0.35832431]
[0.03979834	-0.57762325	-0.25713738]
[0.23025254	0.36075921	-0.01169577]
[-0.22138124	-0.32043087	0.11893237]
[0.22380111	0.36852623	-0.58136007]
[0.40155081	-0.13456723	0.11217769]
[-0.57805407	0.43625023	-0.07958838]
[0.30017318	0.29654597	0.36883263]
[0.58663331	0.06748828	-0.22170624]
[0.29779879	-0.43625373	0.47146645]
[-0.26346721	-0.52809877	0.09342866]
[0.34713519	-0.45438785	-0.37918776]
[-0.47612879	-0.54653775	0.34551508]
[-0.06252777	-0.47100705	0.13443741]
[0.4903146	-0.32914879	-0.53530887]
[-0.24766302	0.25558678	-0.09576758]
[-0.25466959	0.07166038	0.2148826]
[-0.44396571	-0.58493282	0.50232213]
[-0.57675965	-0.51363086	-0.59951757]
[0.21460264	0.5607316	0.57211098]
[-0.34604626	0.08172055	-0.14810362]
[-0.28134401	-0.35604812	0.56854025]
[-0.01011221	-0.29720911	0.12565932]
[-0.53596495	0.29259102	0.39461497]
[0.08894113	-0.36548462	0.08965381]
[-0.42392571	0.09763071	0.15369144]
[0.10716664	0.56402399	-0.25730846]
[0.23971003	0.41619456	0.10420001]

```
[ -0.47719869 -0.31218269  0.30002612]
[ -0.10313281 -0.00747634  0.4299766  ]
[  0.23328019  0.14394686  0.30609863]
[ -0.10298488  0.39477708  0.2376687  ]
[ -0.54005585 -0.41185033  0.43737532]
[  0.04307569 -0.57770856 -0.2127828  ]
[  0.19655357 -0.51597343  0.20494655]
[  0.01786693 -0.01638587 -0.05895128]
[  0.53351371  0.12759535 -0.1414767  ]
[  0.10386605  0.08262172 -0.10702638]
[  0.4840823  -0.21916511 -0.1182245  ]
[ -0.43503036  0.58633939 -0.21913926]
[ -0.43286838  0.09569426  0.14630324]
[  0.36886955 -0.14383059 -0.08370328]
[ -0.1227878  0.06113786  0.56856249]
[ -0.40157496  0.29440132  0.21336107]
[  0.5130103  0.20307947 -0.36171613]
[ -0.18268097 -0.28209653 -0.08795879]
[  0.30097452 -0.5203982  -0.18798451]
[  0.27119758 -0.15589896  0.35716656]
[  0.45996731  0.15566101  0.45599795]
[  0.14840665 -0.34779119  0.48461035]
[  0.30113092  0.30330666  0.19526377]
[ -0.18132199 -0.52015622 -0.27575009]
[ -0.27608653 -0.28762188 -0.29715996]
[  0.47506346  0.36570548  0.42587753]
[ -0.08629057 -0.36787886  0.03325758]
[  0.55780806  0.16735306  0.3625933  ]
[  0.1961298  0.02960437  0.08698622]
[  0.14603486  0.50976956  0.27977103]
[ -0.46230483 -0.28404388  0.02281395]
[  0.53938711 -0.52084669  0.32506069]
[ -0.06010544  0.28207916  0.08262959]
[  0.09406754  0.32661364 -0.04114815]
[ -0.11023584  0.48937902 -0.18877331]
[ -0.31556762  0.51836648 -0.51814878]
[  0.48405542 -0.58325811 -0.14649098]
[  0.08841538 -0.3187655  -0.50444871]
[ -0.59655561  0.14013403  0.57938054]
[  0.1405739  0.53881958 -0.38206458] ]
```

(100, 3)

[[0.23261163]
[0.36484294]
[0.36199539]
[-0.23859775]
[-0.06564149]
[-0.35797275]
[-0.83232968]
[0.38945506]
[0.61661498]
[1.14584762]
[-0.61630724]
[0.34274133]
[-0.22679594]
[0.24151814]
[-1.52583969]
[0.51791127]
[-0.36875304]
[1.11562149]
[0.2148326]
[-1.39513028]
[-0.60381485]
[-0.20815664]
[-1.23272699]
[0.29762925]
[0.6973845]
[1.04825425]
[-0.33614356]
[0.31190119]
[-0.43351418]
[0.6752622]
[-0.42721635]
[0.52446023]
[0.98102801]
[-0.79496229]
[0.57931597]
[-0.42287975]
[0.01096728]
[0.37916127]
[-0.22139222]
[0.96555178]
[0.43241535]

[0.33301151]
[-0.69813732]
[-0.48644042]
[-0.67715146]
[-0.3990974]
[-0.37414306]
[-0.08784383]
[0.03187339]
[-0.5265764]
[-1.68990809]
[1.34744521]
[-0.41242933]
[-0.06885188]
[-0.18166199]
[0.15124105]
[-0.18688969]
[-0.17260356]
[0.41388217]
[0.7601046]
[-0.48935526]
[0.31936745]
[0.68332568]
[0.5294609]
[-0.51453086]
[-0.74741567]
[-0.1144733]
[-0.05747021]
[0.51963236]
[0.07946139]
[0.14669269]
[-0.06783023]
[-0.19087088]
[0.14133568]
[0.50691256]
[0.10618742]
[0.35437363]
[-0.55273629]
[-0.40740819]
[0.47246518]
[1.07162626]
[0.28522581]

[0.79970136]
[-0.9772283]
[-0.86086837]
[1.26664647]
[-0.42091186]
[1.08775441]
[0.31272039]
[0.93557546]
[-0.72353475]
[0.34360111]
[0.3046033]
[0.37953303]
[0.19036988]
[-0.31534992]
[-0.24569367]
[-0.73479882]
[0.12295896]
[0.2973289]]

Epoch: 100; Error: 1.6383359740083614;

Epoch: 200; Error: 1.4212897744295172;

Epoch: 300; Error: 1.362241221100173;

Epoch: 400; Error: 1.331707279250448;

Epoch: 500; Error: 1.310037735586125;

Epoch: 600; Error: 1.2919782676015017;

Epoch: 700; Error: 1.2756385261459053;

Epoch: 800; Error: 1.2600929683886726;

Epoch: 900; Error: 1.2447510092991845;

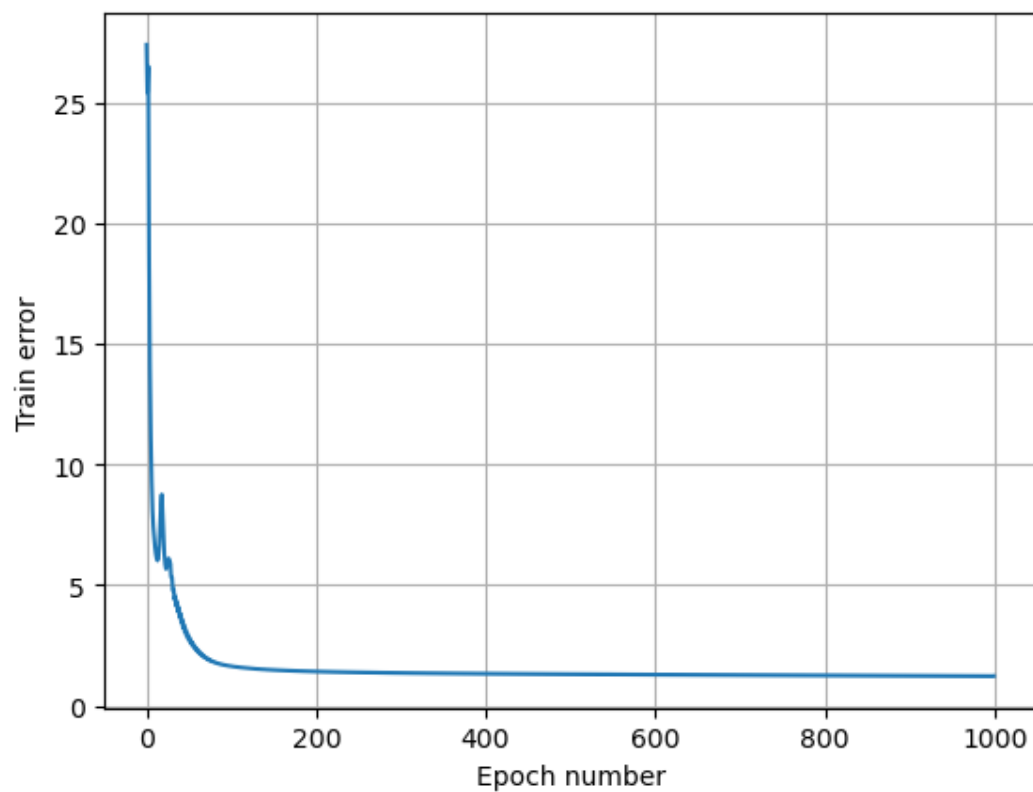
Epoch: 1000; Error: 1.2291676615732667;

The maximum number of train epochs is reached

Number of inputs: 3

Number of outputs: 1

Number of layers, including hidden layers: 3



Result 6: `[[0.56927182]]`

In []: