



OPERATING SYSTEM

Dr. Ibrahim Moghadam



MOHADESEH KAMELI
۴۰۱۲۴۳۰۷۴

بخش اجباری:

خروجی ۱۰ بار ران کردن برنامه:

:۱

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===== Completed Processes =====
✓ Process 1 (Score: 85) (Start: 1738648081.7066464) (End: 1738648084.7080631)
✓ Process 9 (Score: 86) (Start: 1738648081.7065783) (End: 1738648085.7078285)
✓ Process 10 (Score: 74) (Start: 1738648084.7086453) (End: 1738648088.7098854)
✓ Process 4 (Score: 76) (Start: 1738648081.7067044) (End: 1738648089.708129)
✓ Process 3 (Score: 18) (Start: 1738648089.708705) (End: 1738648090.7098243)
✓ Process 6 (Score: 61) (Start: 1738648085.7085788) (End: 1738648093.709953)
✓ Process 8 (Score: 53) (Start: 1738648088.7104468) (End: 1738648093.71196)
✓ Process 17 (Score: 92) (Start: 1738648093.7104988) (End: 1738648094.7119837)
✓ Process 2 (Score: 17) (Start: 1738648090.710461) (End: 1738648098.7119222)
✓ Process 13 (Score: 90) (Start: 1738648093.7122386) (End: 1738648098.7133603)
✓ Process 16 (Score: 52) (Start: 1738648098.7130284) (End: 1738648101.7138305)
✓ Process 14 (Score: 63) (Start: 1738648094.712506) (End: 1738648101.7139175)
✓ Process 12 (Score: 47) (Start: 1738648098.7139053) (End: 1738648101.7152023)
✓ Process 18 (Score: 14) (Start: 1738648101.7161233) (End: 1738648104.7168484)
✓ Process 15 (Score: 41) (Start: 1738648101.7150068) (End: 1738648108.71596)
✓ Process 11 (Score: 45) (Start: 1738648101.7144027) (End: 1738648109.7166762)
✓ Process 22 (Score: 91) (Start: 1738648108.7165463) (End: 1738648109.7183156)
✓ Process 19 (Score: 10) (Start: 1738648104.7173927) (End: 1738648110.71895)
✓ Process 21 (Score: 72) (Start: 1738648109.718594) (End: 1738648114.7194803)
✓ Process 27 (Score: 89) (Start: 1738648109.7172196) (End: 1738648116.7191384)
✓ Process 26 (Score: 46) (Start: 1738648110.7194734) (End: 1738648117.7213845)
✓ Process 24 (Score: 34) (Start: 1738648116.7196753) (End: 1738648123.721167)
✓ Process 30 (Score: 45) (Start: 1738648114.7200224) (End: 1738648123.7220654)
✓ Process 40 (Score: 98) (Start: 1738648117.7219074) (End: 1738648126.7233758)
✓ Process 33 (Score: 94) (Start: 1738648123.7230282) (End: 1738648128.724271)
✓ Process 32 (Score: 95) (Start: 1738648123.7219741) (End: 1738648132.723569)
✓ Process 39 (Score: 92) (Start: 1738648126.7239408) (End: 1738648134.725691)
✓ Process 38 (Score: 77) (Start: 1738648128.725553) (End: 1738648137.7271414)
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===== Failed Processes =====

X Process 7 (Score: 9)
X Process 5 (Score: 9)
X Process 20 (Score: 5)
X Process 28 (Score: 10)
X Process 25 (Score: 25)
X Process 23 (Score: 28)
[X] Process 36 deadline exceeded and removed.
X Process 29 (Score: 10)
[✓ CPU-2] Process 37 fully completed.
X Process 31 (Score: 59)
X Process 34 (Score: 30)
X Process 36 (Score: 11)
X Process 48 (Score: 47)
X Process 45 (Score: 34)
X Process 50 (Score: 31)
X Process 46 (Score: 28)
X Process 43 (Score: 16)
X Process 42 (Score: 14)
X Process 49 (Score: 9)
X Process 44 (Score: 7)
X Process 47 (Score: 6)
X Process 41 (Score: 6)
X Process 36 (Score: 11)

===== Summary =====

Total Completed Score: 1757

Total Failed Score: 394

Total Waiting Time: 322.85017132759094

Average Waiting Time: 6.457003426551819

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===== Completed Processes =====

- ✓ Process 3 (Score: 68) (Start: 1738648306.9916842) (End: 1738648308.9925706)
- ✓ Process 2 (Score: 54) (Start: 1738648308.9929864) (End: 1738648311.993645)
- ✓ Process 8 (Score: 69) (Start: 1738648306.9916027) (End: 1738648312.9922667)
- ✓ Process 7 (Score: 62) (Start: 1738648306.9917965) (End: 1738648313.992707)
- ✓ Process 4 (Score: 42) (Start: 1738648312.9925628) (End: 1738648313.9931855)
- ✓ Process 10 (Score: 22) (Start: 1738648313.9937456) (End: 1738648314.994248)
- ✓ Process 1 (Score: 37) (Start: 1738648313.9930356) (End: 1738648317.994051)
- ✓ Process 9 (Score: 10) (Start: 1738648317.9956903) (End: 1738648318.9964423)
- ✓ Process 6 (Score: 45) (Start: 1738648311.994426) (End: 1738648319.995202)
- ✓ Process 5 (Score: 22) (Start: 1738648314.994561) (End: 1738648323.9955916)
- ✓ Process 18 (Score: 99) (Start: 1738648319.0260367) (End: 1738648328.0267158)
- ✓ Process 20 (Score: 97) (Start: 1738648319.996828) (End: 1738648328.9981942)
- ✓ Process 16 (Score: 83) (Start: 1738648323.996145) (End: 1738648331.9978347)
- ✓ Process 15 (Score: 72) (Start: 1738648328.9992228) (End: 1738648334.000142)
- ✓ Process 19 (Score: 77) (Start: 1738648328.0277684) (End: 1738648337.029232)
- ✓ Process 23 (Score: 98) (Start: 1738648331.998432) (End: 1738648339.0004969)
- ✓ Process 22 (Score: 94) (Start: 1738648337.0297894) (End: 1738648341.0316732)
- ✓ Process 25 (Score: 96) (Start: 1738648334.0007365) (End: 1738648343.0019999)
- ✓ Process 24 (Score: 84) (Start: 1738648339.0010943) (End: 1738648347.0026958)
- ✓ Process 35 (Score: 89) (Start: 1738648347.0033245) (End: 1738648348.0053115)
- ✓ Process 21 (Score: 74) (Start: 1738648343.0025563) (End: 1738648349.0043428)
- ✓ Process 27 (Score: 79) (Start: 1738648341.032161) (End: 1738648350.033627)
- ✓ Process 28 (Score: 70) (Start: 1738648350.0342708) (End: 1738648353.035893)
- ✓ Process 40 (Score: 85) (Start: 1738648348.0058832) (End: 1738648354.0074327)
- ✓ Process 39 (Score: 58) (Start: 1738648353.036476) (End: 1738648356.0381148)
- ✓ Process 41 (Score: 89) (Start: 1738648356.038708) (End: 1738648357.0402167)
- ✓ Process 37 (Score: 74) (Start: 1738648349.0049043) (End: 1738648358.006711)
- ✓ Process 49 (Score: 74) (Start: 1738648358.007817) (End: 1738648359.0084162)
- ✓ Process 36 (Score: 52) (Start: 1738648354.0079606) (End: 1738648363.009221)
- ✓ Process 47 (Score: 59) (Start: 1738648359.008965) (End: 1738648363.0105617)
- ✓ Process 48 (Score: 81) (Start: 1738648357.0412428) (End: 1738648363.042017)
- ✓ Process 43 (Score: 51) (Start: 1738648363.0110993) (End: 1738648365.0121548)

===== Failed Processes =====

X Process 13 (Score: 62)
X Process 17 (Score: 61)
X Process 14 (Score: 32)
X Process 12 (Score: 58)
X Process 11 (Score: 11)
X Process 26 (Score: 8)
X Process 29 (Score: 31)
X Process 30 (Score: 4)
X Process 32 (Score: 49)
X Process 38 (Score: 48)
X Process 34 (Score: 20)
X Process 31 (Score: 19)
X Process 33 (Score: 8)
X Process 44 (Score: 14)
X Process 42 (Score: 11)
X Process 46 (Score: 7)

===== Summary =====

Total Completed Score: 2166

Total Failed Score: 443

Total Waiting Time: 371.41473293304443

Average Waiting Time: 7.428294658660889

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===== Completed Processes =====

- ✓ Process 10 (Score: 82) (Start: 1738648430.2419333) (End: 1738648432.242821)
- ✓ Process 3 (Score: 79) (Start: 1738648430.2420278) (End: 1738648435.2428107)
- ✓ Process 2 (Score: 71) (Start: 1738648432.2431996) (End: 1738648438.2441175)
- ✓ Process 9 (Score: 72) (Start: 1738648430.242098) (End: 1738648439.2433283)
- ✓ Process 1 (Score: 68) (Start: 1738648435.2431245) (End: 1738648442.2442954)
- ✓ Process 5 (Score: 49) (Start: 1738648439.2436254) (End: 1738648444.2441697)
- ✓ Process 7 (Score: 56) (Start: 1738648438.2444415) (End: 1738648444.2456105)
- ✓ Process 17 (Score: 88) (Start: 1738648444.244717) (End: 1738648449.2463815)
- ✓ Process 12 (Score: 80) (Start: 1738648444.2461216) (End: 1738648449.247727)
- ✓ Process 8 (Score: 42) (Start: 1738648442.2448335) (End: 1738648450.2474637)
- ✓ Process 14 (Score: 61) (Start: 1738648449.248125) (End: 1738648450.249413)
- ✓ Process 19 (Score: 66) (Start: 1738648449.246926) (End: 1738648451.2485833)
- ✓ Process 11 (Score: 44) (Start: 1738648450.2500508) (End: 1738648451.2648146)
- ✓ Process 18 (Score: 53) (Start: 1738648450.2486558) (End: 1738648453.2494478)
- ✓ Process 20 (Score: 34) (Start: 1738648453.6826227) (End: 1738648454.6837165)
- ✓ Process 23 (Score: 64) (Start: 1738648454.6842525) (End: 1738648456.685859)
- ✓ Process 30 (Score: 47) (Start: 1738648456.6864467) (End: 1738648459.6881275)
- ✓ Process 26 (Score: 92) (Start: 1738648454.284227) (End: 1738648460.2850404)
- ✓ Process 28 (Score: 88) (Start: 1738648454.2842479) (End: 1738648463.2849495)
- ✓ Process 21 (Score: 46) (Start: 1738648459.6886687) (End: 1738648467.6902492)
- ✓ Process 29 (Score: 41) (Start: 1738648460.2865484) (End: 1738648469.287718)
- ✓ Process 32 (Score: 99) (Start: 1738648467.6908402) (End: 1738648469.6919668)
- ✓ Process 24 (Score: 30) (Start: 1738648463.2854989) (End: 1738648470.286866)
- ✓ Process 38 (Score: 61) (Start: 1738648470.2874544) (End: 1738648471.2887619)
- ✓ Process 34 (Score: 73) (Start: 1738648469.6925492) (End: 1738648476.6939926)
- ✓ Process 36 (Score: 32) (Start: 1738648471.2897162) (End: 1738648477.3061428)
- ✓ Process 33 (Score: 75) (Start: 1738648469.2883465) (End: 1738648478.289617)
- ✓ Process 49 (Score: 70) (Start: 1738648478.3332558) (End: 1738648479.3340752)
- ✓ Process 45 (Score: 56) (Start: 1738648478.3332646) (End: 1738648480.3339884)
- ✓ Process 41 (Score: 45) (Start: 1738648479.3347137) (End: 1738648481.3366358)
- ✓ Process 44 (Score: 37) (Start: 1738648480.3349333) (End: 1738648484.3355901)
- ✓ Process 50 (Score: 36) (Start: 1738648481.3373826) (End: 1738648484.338507)
- ✓ Process 46 (Score: 32) (Start: 1738648484.3361883) (End: 1738648485.3378837)
- ✓ Process 48 (Score: 97) (Start: 1738648478.3332329) (End: 1738648487.3340006)
- ✓ Process 31 (Score: 24) (Start: 1738648484.3390093) (End: 1738648487.3582132)
- ✓ Process 39 (Score: 24) (Start: 1738648485.3383646) (End: 1738648488.3394198)

===== Failed Processes =====

X Process 4 (Score: 34)
X Process 6 (Score: 33)
X Process 16 (Score: 29)
X Process 13 (Score: 25)
X Process 15 (Score: 25)
X Process 25 (Score: 14)
X Process 22 (Score: 28)
X Process 27 (Score: 1)
X Process 37 (Score: 7)
X Process 40 (Score: 19)
X Process 35 (Score: 24)
X Process 47 (Score: 9)
X Process 43 (Score: 5)
X Process 42 (Score: 3)

===== Summary =====

Total Completed Score: 2114

Total Failed Score: 256

Total Waiting Time: 350.18506050109863

Average Waiting Time: 7.003701210021973

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===== Completed Processes =====

- ✓ Process 6 (Score: 93) (Start: 1738648573.5649102) (End: 1738648578.5656655)
- ✓ Process 1 (Score: 97) (Start: 1738648573.5647616) (End: 1738648579.565626)
- ✓ Process 2 (Score: 96) (Start: 1738648573.564838) (End: 1738648580.5656323)
- ✓ Process 3 (Score: 68) (Start: 1738648580.5659602) (End: 1738648581.5666065)
- ✓ Process 4 (Score: 84) (Start: 1738648578.566004) (End: 1738648582.5667825)
- ✓ Process 5 (Score: 47) (Start: 1738648581.5669146) (End: 1738648586.567551)
- ✓ Process 10 (Score: 81) (Start: 1738648579.5667174) (End: 1738648587.5675075)
- ✓ Process 9 (Score: 30) (Start: 1738648582.5671995) (End: 1738648589.568338)
- ✓ Process 13 (Score: 89) (Start: 1738648589.5688727) (End: 1738648590.5698037)
- ✓ Process 20 (Score: 94) (Start: 1738648586.5681524) (End: 1738648590.5699167)
- ✓ Process 17 (Score: 90) (Start: 1738648587.568139) (End: 1738648591.5699303)
- ✓ Process 18 (Score: 77) (Start: 1738648590.571026) (End: 1738648591.5728366)
- ✓ Process 16 (Score: 67) (Start: 1738648591.5710993) (End: 1738648594.5722408)
- ✓ Process 19 (Score: 62) (Start: 1738648591.5733354) (End: 1738648594.574419)
- ✓ Process 15 (Score: 54) (Start: 1738648594.5748928) (End: 1738648596.5759828)
- ✓ Process 11 (Score: 68) (Start: 1738648590.5714273) (End: 1738648598.5724978)
- ✓ Process 12 (Score: 56) (Start: 1738648594.573376) (End: 1738648599.5741782)
- ✓ Process 23 (Score: 67) (Start: 1738648599.574747) (End: 1738648602.5762699)
- ✓ Process 14 (Score: 46) (Start: 1738648596.577006) (End: 1738648605.5778809)
- ✓ Process 25 (Score: 97) (Start: 1738648598.5730789) (End: 1738648607.5745246)
- ✓ Process 29 (Score: 53) (Start: 1738648602.576842) (End: 1738648608.5782108)
- ✓ Process 27 (Score: 32) (Start: 1738648608.578792) (End: 1738648609.5799153)
- ✓ Process 22 (Score: 49) (Start: 1738648605.578423) (End: 1738648610.5802844)
- ✓ Process 30 (Score: 35) (Start: 1738648607.575153) (End: 1738648612.5766835)
- ✓ Process 33 (Score: 91) (Start: 1738648610.5808196) (End: 1738648613.5819082)
- ✓ Process 31 (Score: 68) (Start: 1738648612.5772383) (End: 1738648614.5785275)
- ✓ Process 24 (Score: 29) (Start: 1738648609.5804462) (End: 1738648617.5819023)
- ✓ Process 34 (Score: 56) (Start: 1738648614.5790792) (End: 1738648618.5803776)
- ✓ Process 35 (Score: 62) (Start: 1738648613.5824423) (End: 1738648618.583734)
- ✓ Process 38 (Score: 42) (Start: 1738648617.5825288) (End: 1738648619.5836604)
- ✓ Process 36 (Score: 38) (Start: 1738648618.5809035) (End: 1738648622.5824044)
- ✓ Process 21 (Score: 19) (Start: 1738648619.584733) (End: 1738648623.5856202)
- ✓ Process 40 (Score: 33) (Start: 1738648618.584349) (End: 1738648626.585874)
- ✓ Process 49 (Score: 75) (Start: 1738648623.5862546) (End: 1738648628.5873454)
- ✓ Process 43 (Score: 97) (Start: 1738648622.582949) (End: 1738648629.5844736)
- ✓ Process 46 (Score: 41) (Start: 1738648628.5883634) (End: 1738648630.5889916)
- ✓ Process 44 (Score: 40) (Start: 1738648629.5856726) (End: 1738648631.5866413)

===== Failed Processes =====

X Process 8 (Score: 19)
X Process 7 (Score: 9)
X Process 26 (Score: 3)
X Process 28 (Score: 7)
X Process 39 (Score: 9)
X Process 32 (Score: 5)
X Process 37 (Score: 3)
X Process 45 (Score: 15)
X Process 47 (Score: 6)
X Process 48 (Score: 2)

===== Summary =====

Total Completed Score: 2323

Total Failed Score: 78

Total Waiting Time: 406.6865735054016

Average Waiting Time: 8.133731470108032

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===== Completed Processes =====

- ✓ Process 4 (Score: 77) (Start: 1738648789.2883074) (End: 1738648791.2891197)
- ✓ Process 5 (Score: 96) (Start: 1738648789.2882357) (End: 1738648792.2891207)
- ✓ Process 7 (Score: 72) (Start: 1738648791.2896495) (End: 1738648794.290645)
- ✓ Process 8 (Score: 90) (Start: 1738648789.2882733) (End: 1738648795.2891433)
- ✓ Process 1 (Score: 33) (Start: 1738648795.2900224) (End: 1738648798.29202)
- ✓ Process 3 (Score: 33) (Start: 1738648794.291648) (End: 1738648798.2931845)
- ✓ Process 10 (Score: 60) (Start: 1738648792.2898355) (End: 1738648800.2910407)
- ✓ Process 9 (Score: 12) (Start: 1738648798.2939305) (End: 1738648802.295062)
- ✓ Process 6 (Score: 2) (Start: 1738648800.292008) (End: 1738648805.2932081)
- ✓ Process 2 (Score: 17) (Start: 1738648798.293118) (End: 1738648807.2944474)
- ✓ Process 11 (Score: 67) (Start: 1738648805.2938032) (End: 1738648809.2953289)
- ✓ Process 16 (Score: 74) (Start: 1738648802.2956002) (End: 1738648809.2969868)
- ✓ Process 18 (Score: 56) (Start: 1738648807.2954695) (End: 1738648816.296455)
- ✓ Process 20 (Score: 55) (Start: 1738648809.296761) (End: 1738648816.2980137)
- ✓ Process 12 (Score: 49) (Start: 1738648809.2978346) (End: 1738648816.2990556)
- ✓ Process 29 (Score: 96) (Start: 1738648816.2969885) (End: 1738648818.298165)
- ✓ Process 19 (Score: 48) (Start: 1738648818.298681) (End: 1738648819.2998888)
- ✓ Process 25 (Score: 50) (Start: 1738648816.2996771) (End: 1738648819.301124)
- ✓ Process 30 (Score: 61) (Start: 1738648816.2985654) (End: 1738648821.2995672)
- ✓ Process 27 (Score: 39) (Start: 1738648819.3016908) (End: 1738648822.3024983)
- ✓ Process 23 (Score: 40) (Start: 1738648819.3004365) (End: 1738648825.316118)
- ✓ Process 21 (Score: 37) (Start: 1738648821.30008) (End: 1738648826.3016505)
- ✓ Process 38 (Score: 90) (Start: 1738648825.4111204) (End: 1738648828.4116619)
- ✓ Process 33 (Score: 93) (Start: 1738648825.4111083) (End: 1738648828.4117653)
- ✓ Process 36 (Score: 67) (Start: 1738648828.4122913) (End: 1738648830.4188654)
- ✓ Process 34 (Score: 74) (Start: 1738648826.3022525) (End: 1738648832.303386)
- ✓ Process 39 (Score: 40) (Start: 1738648830.4200158) (End: 1738648832.4209797)
- ✓ Process 28 (Score: 30) (Start: 1738648832.303931) (End: 1738648837.3159828)
- ✓ Process 31 (Score: 58) (Start: 1738648828.4168394) (End: 1738648837.4178786)
- ✓ Process 46 (Score: 86) (Start: 1738648837.5272233) (End: 1738648838.5277104)
- ✓ Process 45 (Score: 85) (Start: 1738648838.5279522) (End: 1738648841.5289369)
- ✓ Process 41 (Score: 94) (Start: 1738648837.5272117) (End: 1738648845.5282934)
- ✓ Process 49 (Score: 95) (Start: 1738648837.527184) (End: 1738648846.5283842)

===== Failed Processes =====

X Process 17 (Score: 1)
X Process 15 (Score: 4)
X Process 14 (Score: 35)
X Process 13 (Score: 32)
X Process 24 (Score: 8)
X Process 26 (Score: 28)
X Process 22 (Score: 18)
X Process 37 (Score: 23)
X Process 32 (Score: 9)
X Process 35 (Score: 8)
X Process 43 (Score: 17)
X Process 48 (Score: 11)
X Process 42 (Score: 11)
X Process 44 (Score: 8)

===== Summary =====

Total Completed Score: 1976

Total Failed Score: 213

Total Waiting Time: 320.2026000022888

Average Waiting Time: 6.404052000045777

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===== Completed Processes =====

- ✓ Process 1 (Score: 71) (Start: 1738649162.1610475) (End: 1738649165.1622016)
- ✓ Process 9 (Score: 85) (Start: 1738649162.1610222) (End: 1738649166.1616883)
- ✓ Process 5 (Score: 57) (Start: 1738649165.1635082) (End: 1738649167.1656108)
- ✓ Process 7 (Score: 69) (Start: 1738649162.1610715) (End: 1738649170.162392)
- ✓ Process 3 (Score: 53) (Start: 1738649166.1620336) (End: 1738649170.1628814)
- ✓ Process 10 (Score: 46) (Start: 1738649167.1657853) (End: 1738649173.1664348)
- ✓ Process 2 (Score: 32) (Start: 1738649170.1634424) (End: 1738649175.1644201)
- ✓ Process 4 (Score: 1) (Start: 1738649173.1667774) (End: 1738649177.1673284)
- ✓ Process 6 (Score: 43) (Start: 1738649170.1627448) (End: 1738649178.164153)
- ✓ Process 16 (Score: 45) (Start: 1738649178.1651828) (End: 1738649181.1661575)
- ✓ Process 19 (Score: 91) (Start: 1738649175.1649723) (End: 1738649181.1662567)
- ✓ Process 13 (Score: 51) (Start: 1738649177.1679149) (End: 1738649182.1695595)
- ✓ Process 14 (Score: 45) (Start: 1738649181.1671953) (End: 1738649184.1690228)
- ✓ Process 18 (Score: 34) (Start: 1738649184.1695662) (End: 1738649185.1704419)
- ✓ Process 20 (Score: 35) (Start: 1738649182.170179) (End: 1738649186.1709423)
- ✓ Process 12 (Score: 19) (Start: 1738649185.1714113) (End: 1738649187.1724985)
- ✓ Process 17 (Score: 42) (Start: 1738649181.167575) (End: 1738649190.1690044)
- ✓ Process 29 (Score: 97) (Start: 1738649187.1735544) (End: 1738649190.1743999)
- ✓ Process 11 (Score: 3) (Start: 1738649186.171956) (End: 1738649191.1729796)
- ✓ Process 27 (Score: 39) (Start: 1738649191.1740253) (End: 1738649194.175101)
- ✓ Process 25 (Score: 35) (Start: 1738649194.1761465) (End: 1738649195.1769214)
- ✓ Process 28 (Score: 78) (Start: 1738649190.1700525) (End: 1738649196.171379)
- ✓ Process 21 (Score: 44) (Start: 1738649190.1772766) (End: 1738649196.1791716)
- ✓ Process 24 (Score: 31) (Start: 1738649196.1723683) (End: 1738649198.173603)
- ✓ Process 22 (Score: 32) (Start: 1738649195.177956) (End: 1738649201.1792758)
- ✓ Process 26 (Score: 22) (Start: 1738649196.1796534) (End: 1738649201.1809437)
- ✓ Process 23 (Score: 7) (Start: 1738649198.1746266) (End: 1738649206.1757252)
- ✓ Process 36 (Score: 66) (Start: 1738649201.1814294) (End: 1738649207.1825314)
- ✓ Process 37 (Score: 76) (Start: 1738649201.1798344) (End: 1738649209.1810882)
- ✓ Process 35 (Score: 65) (Start: 1738649206.1767445) (End: 1738649214.1780372)
- ✓ Process 32 (Score: 60) (Start: 1738649207.1834939) (End: 1738649214.184874)
- ✓ Process 49 (Score: 94) (Start: 1738649214.1790972) (End: 1738649218.1803818)
- ✓ Process 39 (Score: 58) (Start: 1738649209.1821325) (End: 1738649218.183386)

```
===== Summary =====
Total Completed Score: 1626
Total Failed Score: 363
Total Waiting Time: 381.2976427078247
Average Waiting Time: 7.625952854156494
PS C:\Users\lenovo>
```



28

===== Completed Processes =====

✓ Process 6 (Score: 61) (Start: 1738649349.7275198) (End: 1738649350.728244)
✓ Process 5 (Score: 51) (Start: 1738649350.7287028) (End: 1738649352.7299407)
✓ Process 1 (Score: 76) (Start: 1738649349.727477) (End: 1738649353.7279406)
✓ Process 8 (Score: 64) (Start: 1738649349.7274916) (End: 1738649355.7283683)
✓ Process 3 (Score: 40) (Start: 1738649353.7282426) (End: 1738649355.7288573)
✓ Process 9 (Score: 43) (Start: 1738649352.7310703) (End: 1738649359.7318277)
✓ Process 4 (Score: 11) (Start: 1738649355.7289548) (End: 1738649360.7297635)
✓ Process 7 (Score: 33) (Start: 1738649355.7286918) (End: 1738649362.729575)
✓ Process 10 (Score: 2) (Start: 1738649360.730059) (End: 1738649362.7310047)
✓ Process 2 (Score: 6) (Start: 1738649359.7329075) (End: 1738649364.7335021)
✓ Process 20 (Score: 70) (Start: 1738649362.731294) (End: 1738649367.7325604)
✓ Process 18 (Score: 88) (Start: 1738649362.730123) (End: 1738649370.731463)
✓ Process 15 (Score: 67) (Start: 1738649364.7342103) (End: 1738649372.7353268)
✓ Process 11 (Score: 52) (Start: 1738649370.7319975) (End: 1738649374.7332118)
✓ Process 16 (Score: 66) (Start: 1738649367.7336676) (End: 1738649376.7345781)
✓ Process 30 (Score: 81) (Start: 1738649376.7351913) (End: 1738649378.737094)
✓ Process 14 (Score: 51) (Start: 1738649372.7364683) (End: 1738649381.7376695)
✓ Process 23 (Score: 83) (Start: 1738649374.7338076) (End: 1738649382.7351809)
✓ Process 24 (Score: 63) (Start: 1738649382.7357485) (End: 1738649383.7370834)
✓ Process 21 (Score: 76) (Start: 1738649378.7376037) (End: 1738649384.7387483)
✓ Process 28 (Score: 67) (Start: 1738649381.7383218) (End: 1738649389.7398264)
✓ Process 27 (Score: 61) (Start: 1738649383.738157) (End: 1738649390.7390282)
✓ Process 22 (Score: 59) (Start: 1738649384.739264) (End: 1738649390.7405338)
✓ Process 37 (Score: 80) (Start: 1738649390.739608) (End: 1738649391.7518106)
✓ Process 38 (Score: 93) (Start: 1738649389.7409203) (End: 1738649396.7417877)
✓ Process 33 (Score: 56) (Start: 1738649397.800683) (End: 1738649399.8073623)
✓ Process 40 (Score: 53) (Start: 1738649397.800711) (End: 1738649403.8080091)
✓ Process 45 (Score: 85) (Start: 1738649397.808018) (End: 1738649404.8095539)

Failed Processes

===== Failed Processes =====

X Process 13 (Score: 8)
X Process 19 (Score: 41)
X Process 17 (Score: 31)
X Process 12 (Score: 32)
X Process 25 (Score: 57)
X Process 29 (Score: 27)
X Process 26 (Score: 40)
X Process 32 (Score: 48)
X Process 35 (Score: 46)
X Process 36 (Score: 28)
X Process 31 (Score: 23)
X Process 34 (Score: 20)
X Process 39 (Score: 13)
X Process 43 (Score: 54)
X Process 49 (Score: 40)
X Process 41 (Score: 39)
X Process 48 (Score: 31)
X Process 44 (Score: 22)
X Process 46 (Score: 9)

===== Summary =====

Total Completed Score: 1638

Total Failed Score: 609

Total Waiting Time: 312.7540714740753

Average Waiting Time: 6.255081429481506

PS C:\Users\lenovo>

33

===== Completed Processes =====

- ✓ Process 1 (Score: 72) (Start: 1738649472.4773793) (End: 1738649474.4779546)
- ✓ Process 5 (Score: 68) (Start: 1738649472.4774346) (End: 1738649476.4784813)
- ✓ Process 10 (Score: 47) (Start: 1738649476.4787462) (End: 1738649477.4792159)
- ✓ Process 2 (Score: 56) (Start: 1738649474.4783244) (End: 1738649477.4793096)
- ✓ Process 8 (Score: 89) (Start: 1738649472.4773042) (End: 1738649481.4780407)
- ✓ Process 7 (Score: 14) (Start: 1738649481.4781952) (End: 1738649483.4790714)
- ✓ Process 3 (Score: 16) (Start: 1738649477.4796727) (End: 1738649484.4804783)
- ✓ Process 6 (Score: 34) (Start: 1738649477.4795272) (End: 1738649486.4809387)
- ✓ Process 20 (Score: 77) (Start: 1738649486.4820683) (End: 1738649487.483284)
- ✓ Process 4 (Score: 13) (Start: 1738649483.4793708) (End: 1738649489.4803798)
- ✓ Process 19 (Score: 70) (Start: 1738649487.4839516) (End: 1738649490.484722)
- ✓ Process 9 (Score: 12) (Start: 1738649484.4816608) (End: 1738649491.4830482)
- ✓ Process 13 (Score: 41) (Start: 1738649491.4836066) (End: 1738649492.4850996)
- ✓ Process 12 (Score: 46) (Start: 1738649490.4853113) (End: 1738649492.4870877)
- ✓ Process 16 (Score: 37) (Start: 1738649492.4858072) (End: 1738649497.48768)
- ✓ Process 11 (Score: 67) (Start: 1738649489.4810185) (End: 1738649498.4830563)
- ✓ Process 14 (Score: 34) (Start: 1738649492.487708) (End: 1738649499.4889112)
- ✓ Process 22 (Score: 93) (Start: 1738649498.4835844) (End: 1738649504.485165)
- ✓ Process 26 (Score: 99) (Start: 1738649497.4881916) (End: 1738649504.4896476)
- ✓ Process 27 (Score: 92) (Start: 1738649499.489569) (End: 1738649505.4911501)
- ✓ Process 30 (Score: 91) (Start: 1738649504.4857774) (End: 1738649512.4876356)
- ✓ Process 24 (Score: 90) (Start: 1738649504.4901683) (End: 1738649512.4912732)
- ✓ Process 25 (Score: 81) (Start: 1738649505.4921916) (End: 1738649512.4938107)
- ✓ Process 35 (Score: 94) (Start: 1738649512.4882023) (End: 1738649513.489345)
- ✓ Process 29 (Score: 64) (Start: 1738649513.490376) (End: 1738649514.490768)
- ✓ Process 37 (Score: 64) (Start: 1738649514.4923291) (End: 1738649517.4930253)
- ✓ Process 38 (Score: 65) (Start: 1738649512.4944587) (End: 1738649517.4957488)
- ✓ Process 33 (Score: 49) (Start: 1738649517.4937246) (End: 1738649520.494804)
- ✓ Process 32 (Score: 45) (Start: 1738649517.4962707) (End: 1738649520.4976785)
- ✓ Process 39 (Score: 82) (Start: 1738649512.4917521) (End: 1738649521.4930537)
- ✓ Process 40 (Score: 36) (Start: 1738649520.4953558) (End: 1738649522.4968553)
- ✓ Process 34 (Score: 35) (Start: 1738649520.49816) (End: 1738649528.499517)
- ✓ Process 43 (Score: 81) (Start: 1738649521.4936197) (End: 1738649529.4953287)

===== Failed Processes =====

X Process 18 (Score: 23)
X Process 17 (Score: 19)
X Process 15 (Score: 15)
X Process 21 (Score: 22)
X Process 28 (Score: 1)
X Process 23 (Score: 30)
X Process 36 (Score: 33)
X Process 31 (Score: 22)
X Process 45 (Score: 32)
X Process 42 (Score: 32)
X Process 50 (Score: 10)
X Process 48 (Score: 9)
X Process 41 (Score: 9)
X Process 49 (Score: 8)

===== Summary =====

Total Completed Score: 1954

Total Failed Score: 265

Total Waiting Time: 376.1933572292328

Average Waiting Time: 7.523867144584655

PS C:\Users\lenovo>

[A] 1 Process(s) deadline exceeded and removed.
30

===== Completed Processes =====

- ✓ Process 2 (Score: 87) (Start: 1738649631.667826) (End: 1738649632.6684513)
- ✓ Process 7 (Score: 77) (Start: 1738649632.668892) (End: 1738649635.6699717)
- ✓ Process 5 (Score: 89) (Start: 1738649631.6677163) (End: 1738649637.6686404)
- ✓ Process 3 (Score: 76) (Start: 1738649637.669072) (End: 1738649639.6698291)
- ✓ Process 6 (Score: 78) (Start: 1738649631.6679015) (End: 1738649640.6687484)
- ✓ Process 10 (Score: 77) (Start: 1738649635.6704252) (End: 1738649640.6714528)
- ✓ Process 4 (Score: 43) (Start: 1738649640.6693168) (End: 1738649642.6699173)
- ✓ Process 9 (Score: 50) (Start: 1738649639.670083) (End: 1738649647.6712186)
- ✓ Process 1 (Score: 27) (Start: 1738649640.6718535) (End: 1738649647.6727633)
- ✓ Process 8 (Score: 3) (Start: 1738649642.6703713) (End: 1738649648.6715705)
- ✓ Process 18 (Score: 86) (Start: 1738649647.671487) (End: 1738649651.6726093)
- ✓ Process 15 (Score: 71) (Start: 1738649647.6730494) (End: 1738649652.6736662)
- ✓ Process 11 (Score: 34) (Start: 1738649652.6739855) (End: 1738649655.674773)
- ✓ Process 14 (Score: 54) (Start: 1738649648.6720967) (End: 1738649656.673341)
- ✓ Process 12 (Score: 50) (Start: 1738649651.6729639) (End: 1738649656.6742635)
- ✓ Process 13 (Score: 32) (Start: 1738649655.6755657) (End: 1738649661.6769783)
- ✓ Process 21 (Score: 98) (Start: 1738649656.674082) (End: 1738649663.6753566)
- ✓ Process 26 (Score: 39) (Start: 1738649663.6759043) (End: 1738649664.6768544)
- ✓ Process 27 (Score: 94) (Start: 1738649656.6752) (End: 1738649665.684395)
- ✓ Process 28 (Score: 83) (Start: 1738649661.6776898) (End: 1738649667.6791275)
- ✓ Process 32 (Score: 93) (Start: 1738649667.1724153) (End: 1738649668.1733406)
- ✓ Process 38 (Score: 92) (Start: 1738649667.6798391) (End: 1738649671.680741)
- ✓ Process 24 (Score: 31) (Start: 1738649667.1530693) (End: 1738649675.1714299)
- ✓ Process 33 (Score: 91) (Start: 1738649668.1743166) (End: 1738649677.1754608)
- ✓ Process 39 (Score: 64) (Start: 1738649677.1762073) (End: 1738649680.1772904)
- ✓ Process 35 (Score: 84) (Start: 1738649671.6815746) (End: 1738649680.682633)
- ✓ Process 40 (Score: 79) (Start: 1738649675.1720474) (End: 1738649681.1730437)
- ✓ Process 41 (Score: 59) (Start: 1738649681.1735857) (End: 1738649683.174289)
- ✓ Process 44 (Score: 79) (Start: 1738649680.683254) (End: 1738649683.6968117)
- ✓ Process 50 (Score: 89) (Start: 1738649680.1778014) (End: 1738649686.1788168)

===== Failed Processes =====

X Process 20 (Score: 27)
X Process 19 (Score: 2)
X Process 16 (Score: 32)
X Process 17 (Score: 13)
X Process 25 (Score: 10)
X Process 30 (Score: 24)
X Process 22 (Score: 10)
X Process 29 (Score: 4)
X Process 23 (Score: 29)
X Process 34 (Score: 52)
X Process 37 (Score: 47)
X Process 36 (Score: 41)
X Process 31 (Score: 22)
X Process 45 (Score: 46)
X Process 49 (Score: 42)
X Process 43 (Score: 42)
X Process 48 (Score: 28)
X Process 42 (Score: 26)
X Process 47 (Score: 15)
X Process 46 (Score: 9)

===== Summary =====

Total Completed Score: 2009

Total Failed Score: 521

Total Waiting Time: 312.53744173049927

Average Waiting Time: 6.250748834609985

PS C:\Users\lenovo>

===== Completed Processes =====

- ✓ Process 6 (Score: 46) (Start: 1738649814.346651) (End: 1738649817.347104)
- ✓ Process 5 (Score: 91) (Start: 1738649814.346532) (End: 1738649817.3471947)
- ✓ Process 1 (Score: 38) (Start: 1738649817.348619) (End: 1738649819.349286)
- ✓ Process 9 (Score: 95) (Start: 1738649814.346417) (End: 1738649821.3469443)
- ✓ Process 8 (Score: 24) (Start: 1738649819.3497496) (End: 1738649821.3506534)
- ✓ Process 7 (Score: 43) (Start: 1738649817.3477354) (End: 1738649823.3488104)
- ✓ Process 4 (Score: 8) (Start: 1738649821.3510664) (End: 1738649825.3519342)
- ✓ Process 2 (Score: 15) (Start: 1738649821.3473847) (End: 1738649830.3484738)
- ✓ Process 3 (Score: 8) (Start: 1738649823.3492491) (End: 1738649830.3500085)
- ✓ Process 12 (Score: 99) (Start: 1738649830.3492713) (End: 1738649832.3502452)
- ✓ Process 10 (Score: 2) (Start: 1738649825.3523562) (End: 1738649832.3532739)
- ✓ Process 14 (Score: 92) (Start: 1738649830.3504417) (End: 1738649837.3518364)
- ✓ Process 15 (Score: 59) (Start: 1738649832.3540251) (End: 1738649837.370285)
- ✓ Process 20 (Score: 78) (Start: 1738649832.351036) (End: 1738649841.3526363)
- ✓ Process 22 (Score: 76) (Start: 1738649838.3737583) (End: 1738649844.3743665)
- ✓ Process 21 (Score: 72) (Start: 1738649838.373783) (End: 1738649845.3750095)
- ✓ Process 25 (Score: 57) (Start: 1738649845.3757148) (End: 1738649848.3768916)
- ✓ Process 29 (Score: 70) (Start: 1738649841.3534486) (End: 1738649850.3549201)
- ✓ Process 26 (Score: 68) (Start: 1738649844.37518) (End: 1738649852.3766067)
- ✓ Process 30 (Score: 54) (Start: 1738649848.3776684) (End: 1738649854.3787713)
- ✓ Process 34 (Score: 55) (Start: 1738649854.3795335) (End: 1738649855.3806593)
- ✓ Process 32 (Score: 93) (Start: 1738649850.4006739) (End: 1738649858.4017253)
- ✓ Process 38 (Score: 78) (Start: 1738649852.3774927) (End: 1738649861.3787026)
- ✓ Process 35 (Score: 48) (Start: 1738649855.3815284) (End: 1738649863.3825293)
- ✓ Process 33 (Score: 47) (Start: 1738649858.4025981) (End: 1738649866.403881)
- ✓ Process 45 (Score: 94) (Start: 1738649862.4500365) (End: 1738649871.4511626)
- ✓ Process 49 (Score: 86) (Start: 1738649863.38315) (End: 1738649872.3842556)

===== Failed Processes =====

X Process 18 (Score: 38)
X Process 17 (Score: 2)
X Process 13 (Score: 41)
X Process 19 (Score: 5)
X Process 16 (Score: 5)
X Process 11 (Score: 46)
X Process 28 (Score: 19)
X Process 23 (Score: 6)
X Process 24 (Score: 41)
X Process 27 (Score: 17)
X Process 37 (Score: 32)
X Process 31 (Score: 9)
X Process 36 (Score: 36)
X Process 40 (Score: 24)
X Process 39 (Score: 3)
X Process 48 (Score: 41)
X Process 43 (Score: 38)
X Process 44 (Score: 32)
X Process 42 (Score: 22)
X Process 50 (Score: 11)

===== Summary =====

Total Completed Score: 1596

Total Failed Score: 468

Total Waiting Time: 289.4820919036865

Average Waiting Time: 5.789641838073731

PS C:\Users\lenovo>

بخش امتیازی

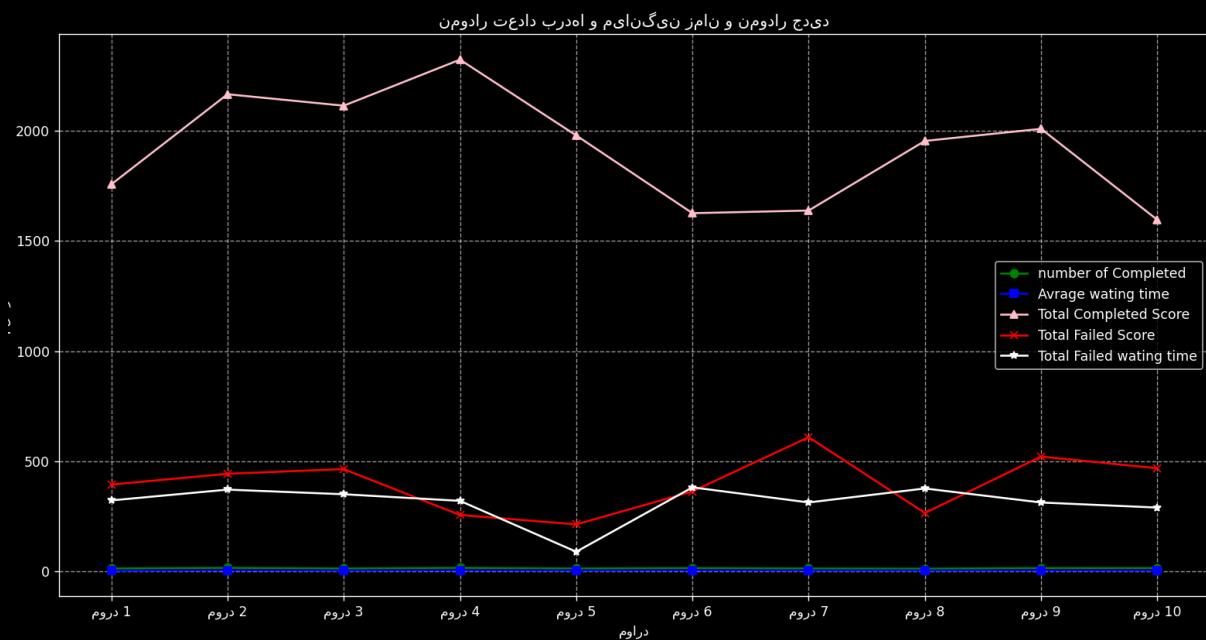
محاسبه‌ی HIT RATE

پس از ۱۰ بار اجرای برنامه میانگین درصد موفق پر اسن‌ها محاسبه شد:

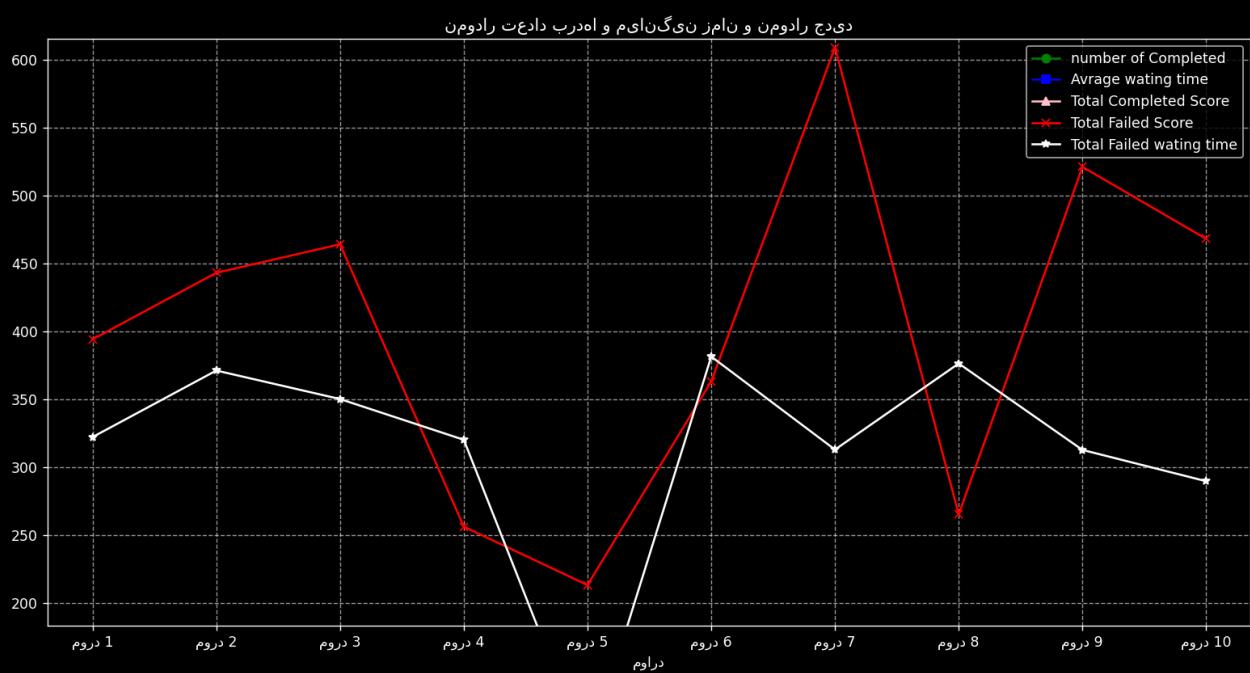
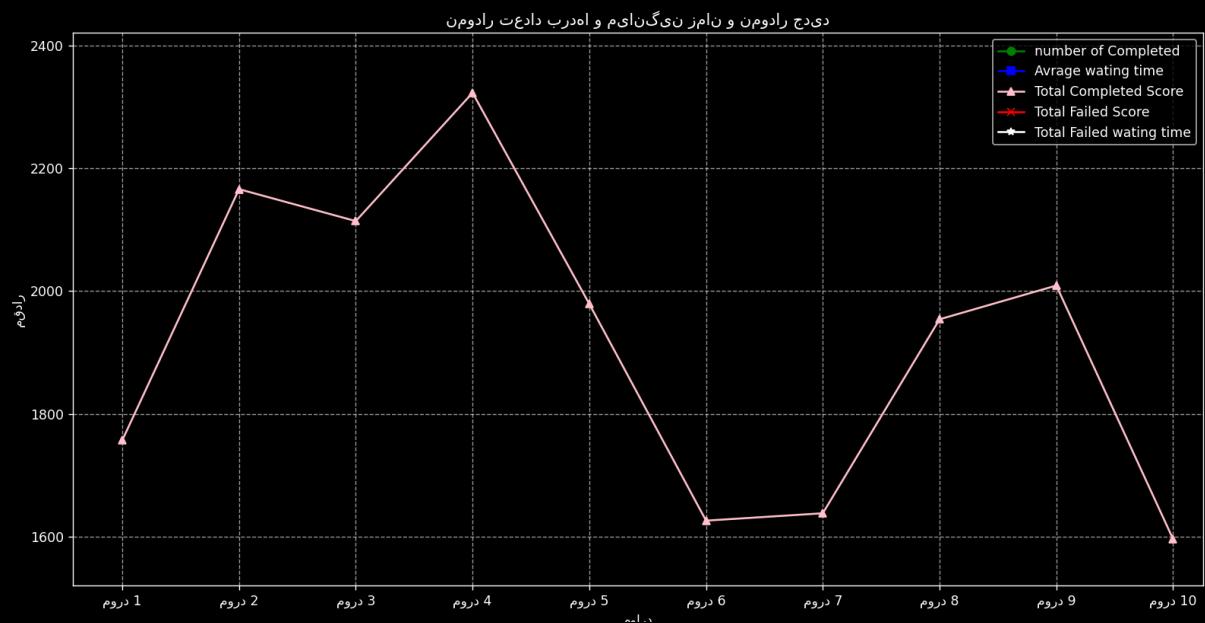
HIT RATE %۶۳.۴

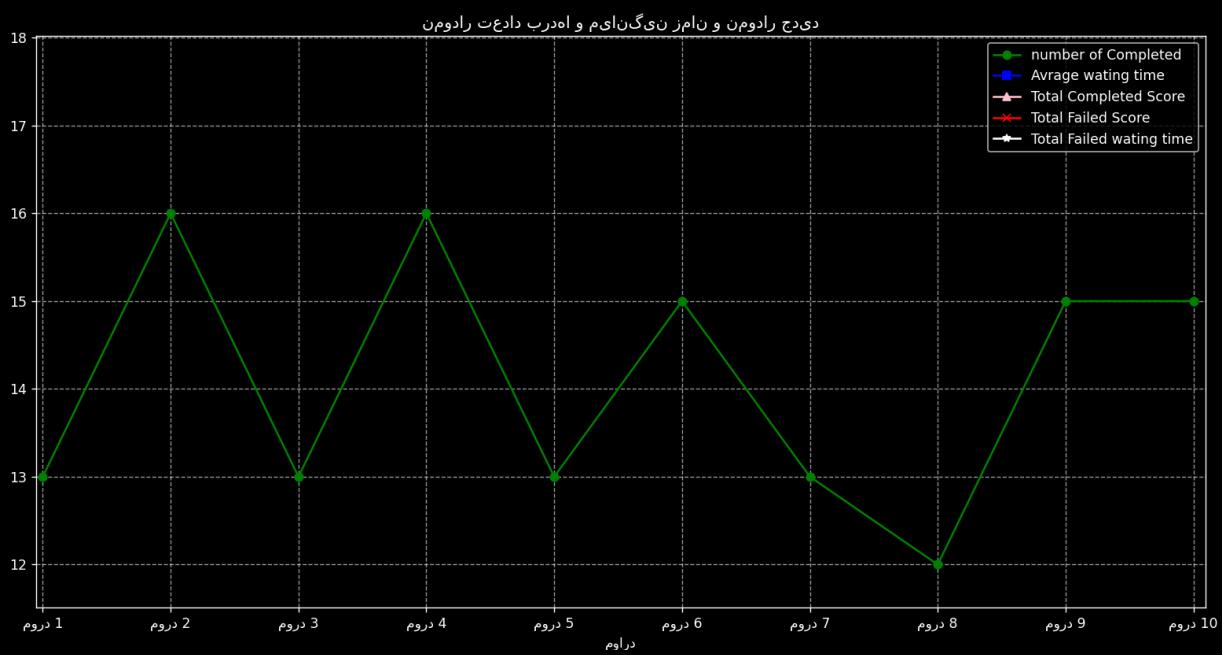
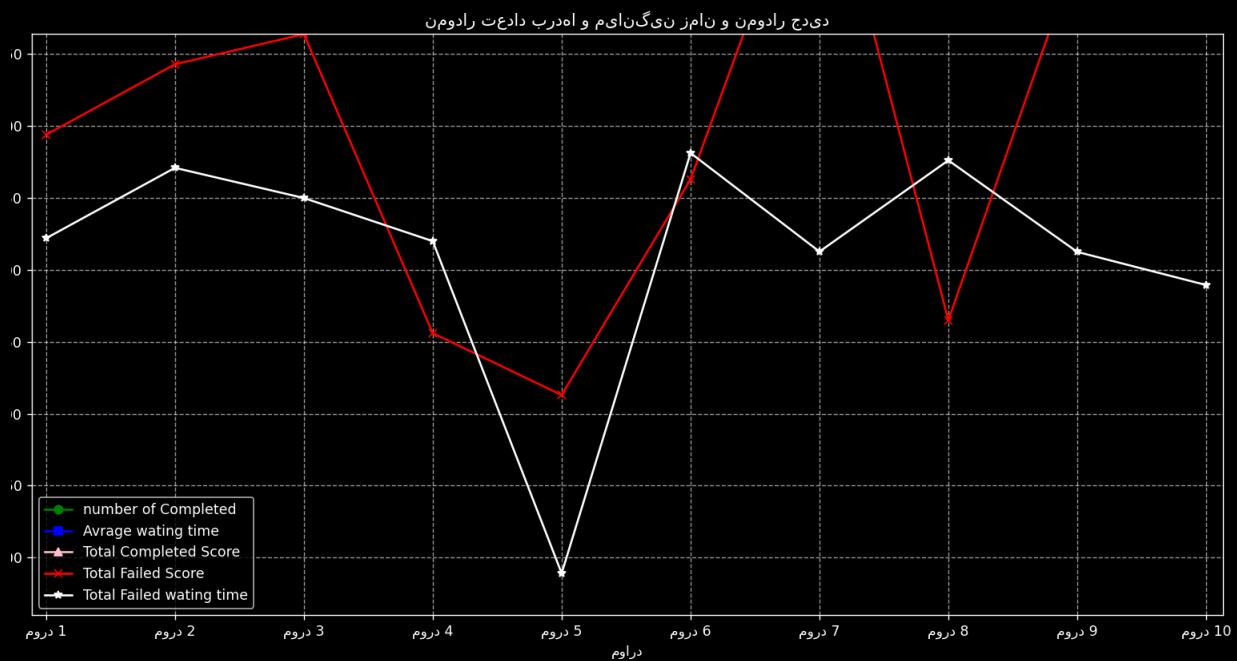
MISS RATE %۳۶.۶

تصویر نمودارها:



نمایش تک به تک موارد:





دیدج رادومن و نامز نیکنایم و اهدب دادعت رادومن

