digraph Tree {

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edge [fontname="helvetica"] ;

0 [label=<Faced any issue with online class? &le; 0.5<br/>gini = 0.457<br/>samples = 4000<br/>value = [2588, 1412]<br/>class = 0>, fillcolor="#f3c6a5"] ;

1 [label=<Current location (During Study) ? &le; 0.5<br/>gini = 0.448<br/>samples = 1518<br/>value = [1003, 515]<br/>class = 0>, fillcolor="#f2c29f"] ;

0 -> 1 [labeldistance=2.5, labelangle=45, headlabel="True"] ;

2 [label=<Age? &le; 21.5<br/>gini = 0.466<br/>samples = 695<br/>value = [438, 257]<br/>class = 0>, fillcolor="#f4cbad"] ;

1 -> 2 ;

3 [label=<Total hours of study before online education? &le; 3.5<br/>gini = 0.494<br/>samples = 175<br/>value = [97, 78]<br/>class = 0>, fillcolor="#fae6d8"] ;

2 -> 3 ;

4 [label=<Institute Type &le; 0.5<br/>gini = 0.482<br/>samples = 32<br/>value = [13, 19]<br/>class = 1>, fillcolor="#c0e0f7"] ;

3 -> 4 ;

5 [label=<gini = 0.432<br/>samples = 19<br/>value = [6, 13]<br/>class = 1>, fillcolor="#94caf1"] ;

4 -> 5 ;

6 [label=<gini = 0.497<br/>samples = 13<br/>value = [7, 6]<br/>class = 0>, fillcolor="#fbede3"] ;

4 -> 6 ;

7 [label=<Knowledge increased after online education (comparatively)? &le; 0.5<br/>gini = 0.485<br/>samples = 143<br/>value = [84, 59]<br/>class = 0>, fillcolor="#f7dac4"] ;

3 -> 7 ;

8 [label=<gini = 0.496<br/>samples = 99<br/>value = [54, 45]<br/>class = 0>, fillcolor="#fbeade"] ;

7 -> 8 ;

9 [label=<gini = 0.434<br/>samples = 44<br/>value = [30, 14]<br/>class = 0>, fillcolor="#f1bc95"] ;

7 -> 9 ;

10 [label=<Preferred device for an online course &le; 0.5<br/>gini = 0.451<br/>samples = 520<br/>value = [341, 179]<br/>class = 0>, fillcolor="#f3c3a1"] ;

2 -> 10 ;

11 [label=<Age? &le; 25.5<br/>gini = 0.427<br/>samples = 349<br/>value = [241, 108]<br/>class = 0>, fillcolor="#f1b992"] ;

10 -> 11 ;

12 [label=<gini = 0.44<br/>samples = 300<br/>value = [202, 98]<br/>class = 0>, fillcolor="#f2be99"] ;

11 -> 12 ;

13 [label=<gini = 0.325<br/>samples = 49<br/>value = [39, 10]<br/>class = 0>, fillcolor="#eca16c"] ;

11 -> 13 ;

14 [label=<Have Internet availability? &le; 0.5<br/>gini = 0.486<br/>samples = 171<br/>value = [100, 71]<br/>class = 0>, fillcolor="#f7dac6"] ;

10 -> 14 ;

15 [label=<gini = 0.424<br/>samples = 59<br/>value = [41, 18]<br/>class = 0>, fillcolor="#f0b890"] ;

14 -> 15 ;

16 [label=<gini = 0.499<br/>samples = 112<br/>value = [59, 53]<br/>class = 0>, fillcolor="#fcf2eb"] ;

14 -> 16 ;

17 [label=<Total hours of study before online education? &le; 4.5<br/>gini = 0.43<br/>samples = 823<br/>value = [565, 258]<br/>class = 0>, fillcolor="#f1bb93"] ;

1 -> 17 ;

18 [label=<Education Institute Area? &le; 0.5<br/>gini = 0.396<br/>samples = 389<br/>value = [283, 106]<br/>class = 0>, fillcolor="#efb083"] ;

17 -> 18 ;

19 [label=<Result increased after online education (comparatively)? &le; 0.5<br/>gini = 0.455<br/>samples = 83<br/>value = [54, 29]<br/>class = 0>, fillcolor="#f3c5a3"] ;

18 -> 19 ;

20 [label=<gini = 0.365<br/>samples = 25<br/>value = [19, 6]<br/>class = 0>, fillcolor="#eda978"] ;

19 -> 20 ;

21 [label=<gini = 0.479<br/>samples = 58<br/>value = [35, 23]<br/>class = 0>, fillcolor="#f6d4bb"] ;

19 -> 21 ;

22 [label=<Total hours of study after online education? &le; 2.5<br/>gini = 0.377<br/>samples = 306<br/>value = [229, 77]<br/>class = 0>, fillcolor="#eeab7c"] ;

18 -> 22 ;

23 [label=<gini = 0.314<br/>samples = 77<br/>value = [62, 15]<br/>class = 0>, fillcolor="#eb9f69"] ;

22 -> 23 ;

24 [label=<gini = 0.395<br/>samples = 229<br/>value = [167, 62]<br/>class = 0>, fillcolor="#efb083"] ;

22 -> 24 ;

25 [label=<Class performance increased in online education? &le; 0.5<br/>gini = 0.455<br/>samples = 434<br/>value = [282, 152]<br/>class = 0>, fillcolor="#f3c5a4"] ;

17 -> 25 ;

26 [label=<Knowledge increased after online education (comparatively)? &le; 0.5<br/>gini = 0.441<br/>samples = 219<br/>value = [147, 72]<br/>class = 0>, fillcolor="#f2bf9a"] ;

25 -> 26 ;

27 [label=<gini = 0.465<br/>samples = 139<br/>value = [88, 51]<br/>class = 0>, fillcolor="#f4caac"] ;

26 -> 27 ;

28 [label=<gini = 0.387<br/>samples = 80<br/>value = [59, 21]<br/>class = 0>, fillcolor="#eeae7f"] ;

26 -> 28 ;

29 [label=<Knowledge increased after online education (comparatively)? &le; 0.5<br/>gini = 0.467<br/>samples = 215<br/>value = [135, 80]<br/>class = 0>, fillcolor="#f4ccae"] ;

25 -> 29 ;

30 [label=<gini = 0.45<br/>samples = 143<br/>value = [94, 49]<br/>class = 0>, fillcolor="#f3c3a0"] ;

29 -> 30 ;

31 [label=<gini = 0.49<br/>samples = 72<br/>value = [41, 31]<br/>class = 0>, fillcolor="#f9e0cf"] ;

29 -> 31 ;

32 [label=<Age? &le; 25.5<br/>gini = 0.462<br/>samples = 2482<br/>value = [1585, 897]<br/>class = 0>, fillcolor="#f4c8a9"] ;

0 -> 32 [labeldistance=2.5, labelangle=-45, headlabel="False"] ;

33 [label=<Total hours of study before online education? &le; 4.5<br/>gini = 0.458<br/>samples = 2238<br/>value = [1442, 796]<br/>class = 0>, fillcolor="#f3c7a6"] ;

32 -> 33 ;

34 [label=<Knowledge increased after online education (comparatively)? &le; 0.5<br/>gini = 0.468<br/>samples = 1159<br/>value = [727, 432]<br/>class = 0>, fillcolor="#f4ccaf"] ;

33 -> 34 ;

35 [label=<Preferred device for an online course &le; 0.5<br/>gini = 0.479<br/>samples = 739<br/>value = [446, 293]<br/>class = 0>, fillcolor="#f6d4bb"] ;

34 -> 35 ;

36 [label=<gini = 0.463<br/>samples = 457<br/>value = [291, 166]<br/>class = 0>, fillcolor="#f4c9aa"] ;

35 -> 36 ;

37 [label=<gini = 0.495<br/>samples = 282<br/>value = [155, 127]<br/>class = 0>, fillcolor="#fae8db"] ;

35 -> 37 ;

38 [label=<Current location (During Study) ? &le; 0.5<br/>gini = 0.443<br/>samples = 420<br/>value = [281, 139]<br/>class = 0>, fillcolor="#f2bf9b"] ;

34 -> 38 ;

39 [label=<gini = 0.405<br/>samples = 202<br/>value = [145, 57]<br/>class = 0>, fillcolor="#efb387"] ;

38 -> 39 ;

40 [label=<gini = 0.469<br/>samples = 218<br/>value = [136, 82]<br/>class = 0>, fillcolor="#f5cdb0"] ;

38 -> 40 ;

41 [label=<Broadband / Mobile Internet? &le; 0.5<br/>gini = 0.447<br/>samples = 1079<br/>value = [715, 364]<br/>class = 0>, fillcolor="#f2c19e"] ;

33 -> 41 ;

42 [label=<Education Institute Area? &le; 0.5<br/>gini = 0.427<br/>samples = 569<br/>value = [393, 176]<br/>class = 0>, fillcolor="#f1b992"] ;

41 -> 42 ;

43 [label=<gini = 0.352<br/>samples = 123<br/>value = [95, 28]<br/>class = 0>, fillcolor="#eda673"] ;

42 -> 43 ;

44 [label=<gini = 0.443<br/>samples = 446<br/>value = [298, 148]<br/>class = 0>, fillcolor="#f2c09b"] ;

42 -> 44 ;

45 [label=<Result increased after online education (comparatively)? &le; 0.5<br/>gini = 0.465<br/>samples = 510<br/>value = [322, 188]<br/>class = 0>, fillcolor="#f4cbad"] ;

41 -> 45 ;

46 [label=<gini = 0.485<br/>samples = 157<br/>value = [92, 65]<br/>class = 0>, fillcolor="#f7dac5"] ;

45 -> 46 ;

47 [label=<gini = 0.454<br/>samples = 353<br/>value = [230, 123]<br/>class = 0>, fillcolor="#f3c4a3"] ;

45 -> 47 ;

48 [label=<Total hours of study before online education? &le; 3.5<br/>gini = 0.485<br/>samples = 244<br/>value = [143, 101]<br/>class = 0>, fillcolor="#f7dac5"] ;

32 -> 48 ;

49 [label=<Education Institute Area? &le; 0.5<br/>gini = 0.405<br/>samples = 39<br/>value = [28, 11]<br/>class = 0>, fillcolor="#efb287"] ;

48 -> 49 ;

50 [label=<gini = 0.0<br/>samples = 10<br/>value = [10, 0]<br/>class = 0>, fillcolor="#e58139"] ;

49 -> 50 ;

51 [label=<Result increased after online education (comparatively)? &le; 0.5<br/>gini = 0.471<br/>samples = 29<br/>value = [18, 11]<br/>class = 0>, fillcolor="#f5ceb2"] ;

49 -> 51 ;

52 [label=<gini = 0.18<br/>samples = 10<br/>value = [9, 1]<br/>class = 0>, fillcolor="#e88f4f"] ;

51 -> 52 ;

53 [label=<gini = 0.499<br/>samples = 19<br/>value = [9, 10]<br/>class = 1>, fillcolor="#ebf5fc"] ;

51 -> 53 ;

54 [label=<Education Institute Area? &le; 0.5<br/>gini = 0.493<br/>samples = 205<br/>value = [115, 90]<br/>class = 0>, fillcolor="#f9e4d4"] ;

48 -> 54 ;

55 [label=<Result increased after online education (comparatively)? &le; 0.5<br/>gini = 0.478<br/>samples = 33<br/>value = [13, 20]<br/>class = 1>, fillcolor="#baddf6"] ;

54 -> 55 ;

56 [label=<gini = 0.165<br/>samples = 11<br/>value = [1, 10]<br/>class = 1>, fillcolor="#4da7e8"] ;

55 -> 56 ;

57 [label=<gini = 0.496<br/>samples = 22<br/>value = [12, 10]<br/>class = 0>, fillcolor="#fbeade"] ;

55 -> 57 ;

58 [label=<Current location (During Study) ? &le; 0.5<br/>gini = 0.483<br/>samples = 172<br/>value = [102, 70]<br/>class = 0>, fillcolor="#f7d7c1"] ;

54 -> 58 ;

59 [label=<gini = 0.498<br/>samples = 89<br/>value = [47, 42]<br/>class = 0>, fillcolor="#fcf2ea"] ;

58 -> 59 ;

60 [label=<gini = 0.447<br/>samples = 83<br/>value = [55, 28]<br/>class = 0>, fillcolor="#f2c19e"] ;

58 -> 60 ;

}