BCCBAAAACCBBACCBABACAAACACBBBCBACAAACBBACBCABBAACBCBCBACCCAAABACAABBACBBBBCABCBAAACABCCAABCCCBCCCBABACCCACAABAABABABCACBAAACABACACBCABBBBCACBACBACACCABABACACBAACBCBBACACBACCCCBCCBCACAAACCCAACBBCBBBABBCACCBCBACABCBBCCBBBCCBBCACCBABCBCBACBBBCCCAACCABCBCBCBAACAAACBBBAACBCCBBBBCBABCBACCAACBCCBACBACBBBCABCBACAACACBCCCBBCABBACCCBBCCBBBBACAACBAAABCABAAABAAACBCCCBCABCAACACBCBABABAAACCBCCACABBCACAABCBBBABACACBCBBBABAAACCCCAAABBBCBACABBCABCAAAACABAACBABABABBACCAABCBACCBBBBBACBCAACCCBBABBABACBCABCBBCBAAACACABABBABCBCBACABACACCCACBBCCCBABCCBCBCBACBBBBCABCCAAAACACACBBCAABAABCBCACBABABBBABABAABBABABBACCCACAAAABABACCCBCCBACACBCCAABCCBACBCBCACAACBABABBCCCBBBACABBCACBCCBABAACAABABAAACCACCACABBABCBAABACACCACAAACACAAABCCABAAACBCCABCBCBBCCBABAAACCCBAAACABBBCBBBABCCBBABBBCBBBBBBCBCBAACAACCABAACACBBBBBBBBABCCAACBCCBCABACCCBABCABBCBAABCCAAACBAACABBCABCCCBBCAACCACABABCCABCCCBCACAAAAACCACCAAACCACBAABBCABBBCBAAABBCABCCBCBAACAABABABCABBCCABBCBACBBACAABCCABCABCCCACAAAABBCCACACCAACCCCBABACACBABABACCCCABBAAAABCCCCCBBABBAABAAABCCCACBCABCBBBCCBABCBAABAABCACBCABBCACCCABCACCAABBACBBCAACCBCACACBCCBCAAABACCAAAAABCACCBBCBBAABBACBBACACCACBAABACCBAABBABCCCACCCCCACCCBACACABABCCBACCBCCCCCABCCCACAAAACBCCBAACABBBBACCAACACCBCBCBCBBAACCAABBACAACBCACBCACACCABAACBACABCBBBBACCCAAAABBBCBAACCABCBBBBCBAAAACABCBCCBACCCABBACCCCBABAACCAABCBAACCBCCAAABCCBAABBBCAABCBCCBBCABBACBAABAACBBAACBCAABABCCCBACACAABABBACCCBBCBBCCCACBCABABCABBACABCCABBBBABBBBCBCCCCCBBAABBBCCACABCBBCBBAAAACAACABCCAACAABBACBCCCCBCABBACCCCBCBBBABABBCBBBBAACABABBCACBCABCBCACACABCAACCACACBAABAABBBCBBBACCBCCBBCABBCCAAACACCAACBAAABACBAACCABACCCBCACBBBBBBBABCBCCCCCCBBCCBBCCBCCCCBAABBACBBAABAAABBBBCBBCBCACCCAABBBBBACCBCCBBACABACCACBABACBCBCBCCBBCCCBACCCBCBCCCBCCABCACCBCBCCCCCBCCABCACBABCCBAABACCBAACBCCBBCBAABCCCABBBBCCBACCCCCCBAACCBACCABCCCCBAACBCACBBBAAABBBACCAACCBCACBBACCCAAABBCABAACCBAABCCACCAABBCCAACACBABBABACCACBCBCBAAACBABABBACBAACACCCAACCBCBCAACBCCABACACABBACCBABABCABACBBBCABBBCBACABCBBBBCACABABCCACACBBCCCACCACCCBCBCCBABABBCCACCCCBABACACCCCCBAABCCCBABCCBABBBBBAACBBCACCACBACAABABAACCCCBCBCCACACBCBCBBBCCCAABACCCBBCBAABACAABCBCCCBBCBBCCACCBCCBACABBCCBAAACAABBBCABBABAACCABBBCCAABCAAAABACACBBAAAAAABBCAAABABCACACCCACBBBBCBCBACCCBAABBCBCBAACBBCABAABBBABACBCABABBABBACAAABCACABCCCABBABCCBBBBCBBCAACBAACCBCBBCAAAAABBCAAAAABACCACCABBAABCCABCBCCBBAAACACBCCCAACCCBCCCABCAACCCCCABABACBCBACABCAAAAACACCCBAABBCBACBBACBAABBCACBACBBAAACCBCBAABBACBACBAABCBBCBAABBBBCCCBABBACBBABAABACBCCAACABBCCBCBCACBBCBBCBAABBCACCBAABCCBACCCCBCCBCACACBACBBBBBCBCCBAABACBBBACACAABABAABCCBBBBCCBBBCACACAABABCBCAABCACCAABBBBBACBABBBAABCBBABAAACACBCABACCCCBAABCBBCBBBBABABCAACBACCBCABBBCCCCBABACBBCBCBBCCABBCBBACAABCAACACCCBACBACBCCACABBBBCCAABBBBBBCBABBAAAACACBBBACCCBCCBACCBABBAACACACBBBACBBABACACBCBABBABAACACBCABBBAACAAAACCCCBBBBACACCCCCCABBCCCBABBACCBCAACBABAAABAACCCAABBCBCABBCCBCBACCACBBCCBBBABAAACCCABBCABBCBCACCBAACABBCAAACACBBCBAAABACABAABCCBACABAACBACBBAAACCACABCBAABBABBBAACCAACACACBABBAACCCCCACCCCCBAAACBCABBCABCCBCCCABBBCCCACCBABAACCACCCCBBBBBBBBABBBBBAACBABACACBABCABAAACCABBBBABCBBCABBBCABACACBBBAACACAACCBAABCBBBCACBAACACCCAABAAABCCABABCABCAAAABCCCCABCBCAACCBACCCBCCCAABCAAABCBCAAAACABCCABCAABCCAABBAABBBCABBBACACBBCBABBBBCBBCBAACABAABCAACBAABCAABCACABBBCCABCACBBCAABAACCBBBBAABCCACBACCBCACCBBBACBCBABBBACBACAABACBACCBABBCAACBBAACBCCBABBBBAACCCCABCAABCACABAACCBBCCACBABBCCABACCAACAABAABBABCBBCBBBABACCCCCABCBCBCAAABBBBCBABCACACCBBBACBCCBCACCAACBBBACABCBBCBACCABABABABCABBBCACBBCAACCAACBBBCCACCCCCACBCACBBCAAABBAACCBBBAACBBCBACCBCABAAACABBCBACACCBCACCBBCCBBBCCAABAACCCBAABCCBBAAABBCCABCCCBBAACACBAABBAACACBBBCAAABACABCBABBBACBBAACBBCACBACBAACCBCACCABBBACCBBAAABBCBCBACCACABBBBACBBBCBCBBABBBBCCBBCBCBBCCCABAAAABABAACACAABABABCCCCBBABAAAAABCBCBBACACCBACBCBACACBCABABCCBCCACCCAABBCBBAAACABACBAAAABACBCACCBCBAACAABACABBCCCBCACCCAACBBCCCCCACABCABBCBBCABBBBBABCCBBCCABBAABCACCBCACCBBAABCCBACAABCACCAACABBCCBABCBCACAACBAAACBABBCBCCAABABBACCCBCABACBCCACCACABCBBBBABAAAABCBBBAACCBAAAABCCBBABCBCBCCBABABCCCCBCBCAAABBBACBCABCBBBBBBCABBCABABABBCBBACCABABACBACBCCABBCBACBAAACCCCABCBAAACABBBBACCBCABABCACCACCBABBBBACBABAABBBCBAACAABBBABABAACABCBBABBCBBCCBCBBCCBAABACAABCACBCBCCCCBCAACAACBBBCCBCCCAAACCBBCCBABABBCBACBABAACAACCBAACCBCAAACBBBACCBCCBCACCBABAABACCBCACCBCBCBCBACCCBBBAAACBBCABBCBBAABBBCBCBCBBBBBAABCACCCABBBCABACBCCBCBBCBACBBAACAAAAACBCCCCCACBCCBCCBACBBBBCACABACAABBABCBCBABAACCBBBCCBCCACCABCABCBCCBCCAAACCBABACBBBBAAABCCCAAABBBBCBCABBAACCBABCCBBBACACCCAAABCBACCACCCAABACABBCAAAACCACCAACABBBCAABBBAACBBBCCABCCABABCBCAACAAABABBBCCACABAACCAABBCAACACABCBCCABABBAACACBBCBABCBACBCACBACACCBCBAAACCACBBCCCAACBACBBCBCABABABCACAAACBBBCBAAAACAABAAAACACBCCAABAABABCBABACAABCCBCCABCACBABACABBCCACCACCBABCCBCCAACACACCCBCABBBACBCCACCBBCCCABBBCBBBBABAAAABCCACACABBBBCCBCCBBCBCACCBBBBCAABCBCBBBCCBCACCACAACABACAAACBABBACBBABCCACABCCBAAAABCBCAAAAABABBAACACCAABCACCBABBBABCBAAAABCBBBBBCABBCCCAACAABCABABBCCCACACBBBCCACCAABBACCCACBBACCBACCBACACACBCBCCACAABBBACCBCAACCCCBBABACBACCAAAACCBCBAAAACBCBABBACBBBABBBBBACCCCBABACAABCBBCABABBBBACCABAAABAACBABCBAABCAABACBBCAAACAABBCCACBCABAAABBBCABBCACACCABCAAACCBACBABBCABCBCABBABACABCCCACBCBACCAACABBAABAACABBABCAABBCACCBCBCBCBBCACAABBBAABAABAABAAAABACBACBCBBBCCCBBACACACABCBCABBCCABBCABBBCAACAAABBCBCACABACBCAAACCBABBBCACBCCACABACABCACCAABBCCCBBACAABACCBCBBBBBBACBBCABBCACBCBABAACBBBAACCABACCBCCBBCCCABBBCBABCBCCACBBABBAACACCABBCACBBBBCCBACABCBBAAACCCBBACBCCBBBBBBBAABABACCBBABAABAABACCBCABCABCABACACBCACCBBCACBBAABBACCCCBCACCABAAABCCBCBCACACAABAABAACAAABAABCBABBCCAACBBAABABBAAABCCAACCCAAABBBBAABACCAAABAACBABCABBBCCBCBACAABABCBBCBBACBCCBCBACCCCCBABABBCBABCCBBAACCCBBABCCCABBCACAACABAABBACBACCAAABCABAAAAAAAABAACCACBABCCCCCCCCBCCAABABBCABCCBACCABCBCCCBABCCBBCABCCCAAAAAABBAABBABBABCBCCBABCCBCBBBACBACCBCCBCBBCACCAABBAAAACBCCBCBBBBCACBAAABBBCBCAACBACABCBABCAACCBAACBCBBCBCBABAACABBAAACCACAABCCBBBBABABABCAABCCCCCBCACBBACCBCCACBAACACACCCBAABAAABAABBBBBCCAABCCCCCACBAABCCAABBBABBABBCCBCAACBCABBABBCCCABCBCCBCBCBCBBAAABACBBACCCACBBCACCACBBBBACBCBBCCBBCBCBABABABAAAAABCBAACBBAABABCCABBABCCBCBCBCCBCCCCABCAAAABAABAACBBBCAAABCCCBCACCACCCCABABACBACAABCCBAABBAAABBBBAACCBABABBBCBCCABAAABAABBAABABAAACABAACCBCAACCAACACBACACBACAABACACBAAACCABBCCABABABABAAAABBCBCBACBBABBCBAAACCACAABABCBACBABBBCBABAACCAACBBBCCBBBABBCBBCACBCCACABCCCBBAAABACBBBBCAAACCABBAAACABCAACBCAACBACAAABBACCCCCBCCABCBBBACCBCCACBABCABBCBCABCAACCCACBABBBBCCACBCCAAABBBABACACAABBCACCCABBCABACACCBABBCBCAACAABABABBCCACACABCCCCCCACCACCCCACCCBCACCAABCAABCCCCACBBCBBCAABCBCAABCBAACAAAACCAACABCCCBBACBCBAABAACACAABCBBAAAACACCABBCACBCABBBCACBCACACBABBABBBACBBBCBAABCBCCCBBCBCBBBBCCCCCCBBCCACCCBBBBBCCABAAACCAACCBCBCABAACACBCABABCAAABBCCABABACBBCCBAACCBBBBACBAACAAACBCCABBCBBAACCAABACCBCABCBBAABAABAAACBBAAABCBAACCCCAAACCCBABBCCCBBABBCBAAACCABCBBCCCCACAACCCCBBBABBBACCAABBBBAACABABACACCACABCAACABACCBBCCABCCBBCBABBBAABBBBCACAAABACACBBBBABCBACCABCBABABCBCACAACABBABCBBBACACCBABCABABCACBCACACCACCACACAACCCABCACBBBAAABCBBCCACABBBCACCBBBBCCCACCAABABBCBACACACAAACCAABCCCBAABCAACAACCCCBCBCBCBBACCABBBBACBABBABBCBCACCCCAABCABCBACAACBCACBCACCBCAABCBBCACBACBBCBCCCACCAAABBCCCABCACACAABAABAAABCCBAACBCCCBAAABCCACCCABABCCAACACCCCCAAACABCCCBCBBCBABCAABAAACCBABCCAAABAAAAAAACCACCCBABBBAAACCBBABABABABBCCACBBAACAAACCCBCABCCCCACCBCABABBCCCCAABAABACACAACACCAAACBAACBABBCCCBACACCBBAACCACBCBBACBAABBBCBCCBCACCBACACACAABBACCAABACCACBACAAABCCABBBCABBCBAAACABBCBCABACABCBBAACCBCBCABCBACCBBBBCCAABCABCCCABBBCCACBCAACABABBAACBACBAABBCACCCBBBCBBBCCBCAABCCCCACBAAAABABCABBBCBCACBACCACBCCCBBAAACBBACBBCACABCCCBACBBCACABBACACBBCCBBBBACBACAABCCCBACCBBBCCCAABACCBBAABCBBCABBCBCBABBAACCAABACBBBAABAAACBCABBCBBBBBBBACACBBABAACAACCBCACBBCBBACCAAACABBABCCBABBBABBBAABBBACCAAAABCABABBCACBBABBCACBBACCBBAABACCAAABBCAAACCBACCAACCCBACBABBCCAABBCAABCCCCBCBAACBACCAACBCACBBBBBBABABBBABCABCCBCABBBCAACABCBCCCABBABBBCBBBBCABAAABAABABCCBCACBAACABBABCCBCCAACCACBCABBAABCBACBAABCBBBAACCCABBBBBCCCBCCCBCCAAACBBABCCBACCAAABBBAAABBABBCAACAACCACACABBBBBABAAABBBACCCAABAABABBBACBBACACACCBABBAACBAACBBBACBBBAABBACAACBACBCBBBAACCBCCBAAAABBBBBCCBCBBBCCBAACBBBACBABCBCBBABCCCBABBBBBBAABCABABBAAACABCCBBCBACACACCABBAAABBCBCACCBBABBCBABBABCBABBACCCCAABABCBBBBACCAACABACACAABCAABACABBCBBAACBACBCBBCCCBACCBCBBCBCACABBABCAACCAACACCAACCCCBBBABBBCBCABCBCACABAABBACAABBABBABBCABBBAAAACBCBBBACBAACACACACAAACBBBABBABCCCBBBCABCBCBBBBACCCCBAABBCBACBAAABCCBAAAACBBBCCAAABCCCCBCBCCACAAACACCABCACBAABBCACCBACBCBCABCCBAABBBCACABBAACACAABABBBBCABBCCCCBBABCBBBAABACCBACBAABAABCAACBBACBACCBACBAAABACCAAABCCCAABACBACCBAAACBCAACCABACCBBBAABABCCBBCCBCCACCCCCAAACACCBAACBACACBCCBCCBCABBCBBBCCCABCCAACCAACCACCBAACCABBCCCBACBABBAACCACBCBAAAACBCAACABCACBBBBABCBBBCABBCACCABCBABCBCCCBBBBACAAACACBAABBAAACCABCBCBBACAABBCCBAABCACACABABBBABCBAACCBCABBABBCABBBACBCAAACACABBABBBCACCCCCCBBACACAACAABAABAAABCAACCBCCBBCBCCBBAABCABBBACAACCBCCAABCCABBCABBAACBABCAABACACBBBAAACBABCACCAABACCAAACACCCCBACACCBCABBCBCACCCABABBCABAACACCBBCCABABACCABCBABBBACAACCAABBBCBBACCAAACBABABCCBACAACBABBAABBACCBCBBBBCCAACBCACAAAABAABBABAABCBBCCBCAAABCCBBCCBCAACBBACCBCCCCCCCACCAAAAABBABACABCACBABCBBBAABBACCCCCAAACBBABAABBCCBCAABBCBAABCCCAACBAAABABCCBABCBBACCABBCCBABAAAACBBCCBAABCABACCCCCBAACCACCBCBBABBCACCACACBCABCAABCCCAABABCABCACCBCACBBACBBBABBACACBACCCCCAABCAACCBCBACCCBCCBCBAABBAAABBBCBBBBACCAABACCABAABBABACBBBAABCBAACAACABBCACCCBCCCAABBAACAABBBCACABCABCCABABACCABACBABACCCCACBBCAABBACCAABBBBBBBBACBBCACACABAABBBACACACACBAABACCABABCACAABCBCBCAAAABAAACBBCBBBBAAABABBCBBCBBBCABAACAABBCBBBBCBCAAACCBCBAAAACCCBABACAABBCBBCCCBCCBBCAACBCACBBCBCABBBAABBABBCCCBBABAACBCCCACAABBCBACAACCBBCCABBBACAACBBBBBACBACCBCBBCACAACAABBCCCBAAABBCABCCBAACCBCCCCCCCBAAACBAABBAACAABCBBCBCBBAACCBCABACAAABACAAAABABCAABBCACABCCABBBABABCAAABBCCBCCACABAAACCABBABAABAAABACACBAAABBACBBBCBAAAABAACBBCBABCCCABCCBCCCAAABACACCAACBCBCACACBCAACCBCBABBCACCABABBBCAAAACCCAACCCABBACCAABAACCBAAAAAAABCBBAACACCBACACBCCCCBCBABACABBCCBBCABBCABCCBACCACABABCBABBCBBCBCBCAACCBBBBACBABBBCCCBBCBAACBBBCACCCCBABBBCBBBACBCCBCACABABBABBCBCBACABBCAACAACABACCCCCCAACBBACAABBCCAABCCCCBCCCCBCBCBBAABACCABACBABBBBCBAACBBAACAACCBCAABACCBCCABACBBCAABBCCBABCCBCABBCACCCBBACAAABCBCCBACCCACBCBCABCBBBBBABACCABCACCBCACBCCCCACCBCCBBBCABCAACACCAACABCABCAAACABAABACCBCBABBBAACACBABCBAAAABABBCBCABBBBBBCCBBACBCAACCCBBCBCCAABACCACCABAACBBCAABABABCBCBAABABCCAAABAAAABCCBAACBACABBBABCBBACBCAACBBCBABBBBBBBCACBBAACBAAABACBCBABCABCABAACBBABABACAABCCCAABBCAABABBABACACACABAABABBAAAACBCABCBCABBCCBCCBBACCACCCBBBBBABBCAABABACBBCBCAAAAAABCCACBCBCBBBBABABBABAAACACABACABACCABBACCAACABBACBABABBBCACCACACCABCACBACAAABCBBACABCCCCABAAACCACBCBCACAACBACCACCCAACAABBCBCBACCAABCAACBCACBCBCACCABAAACCABBBBBBAACBABACAACCCBCCCBCBBBBACBACCCAACACBBBABBCACCBABAACCCABACCBACAABCABABBBAAAABABCAAABBACBBCCACABBABBACCBAACBBBBACACBABCCACCCBCBCBBABCACABAACCABAAABACBBACCCACCCCAABBBCBACABBAAABCCABACACAAABCBCCBCBACCCCCCBACBAAAACBCABBAABCABBBCBBBBBABCABAABCCBCACCCBBACABBBACAACCCAAACBABBABABCBBBABBCCBCCBBCCCACBCBBAACCAAACCCCCBCACBBBBCBCBCCAACCBABBABABACCCCBBCBCCAACBBCACACCCAACABBACBCBABCBCAAABBCBAAABCACAACAABBBAABCBBCACCABCBCBAABACBABCCCBAACACAACAAAABCAAACAACCCCCACBBAAABCBABCCBCCBACBBCABAAABACBBCBACBCCCCAABBCABCCBBCBBBBBACACCBAACBAABBABBCBCCABCBCBBCBACCCBCABCBAAAABCBAACABABABCCAACBBAACCCBBAACBBABCCCAACCACACCCCAABCCBBBCCCCCACABCCAABCABCAAACCBAACCBBCABCBCBCAABCBCABAACACBCACAACBBBABCACBABCBBCABBCBCCBAABCBCACABABAACCBCBCCCBCAACBCCAACCABACCCCCCCBBBACBBACBACBCAACACABCABCCBCCCAACCACBACABCCACCACABABBCBCCBBACCBBAAABAAACAAACCBCAABBCCBCAAABACCBBCCCBABBBAACCBAACBBACBBCACCCAACCBAACCAACBCBCACABAAABCABAACBCAABAAAAABCBBACCCBACCCBBAACCABAACCCCBCCAABBCABAABBABCCBABCBCACBCBCBBBBBABACCAABCCCBABBAABBCBACCBCACABABCBCBAAACCBABAAABBAACABBCCABABAACAACACBABAABCCCCACBBBACBACBCCCABBCAABAABAACBCBCCAAAABCACACCCACABACBBBBACACBCCBBCCBCAAABCCAABCAABBBABBBCAABBAACABAACBBBACBACBBBBCBACACAACAAACCBBABAABCBCCCCBBAACAAABACACCCCACCBBBCCBBBBCCABACCACABCACCCBCACBBCCABACBBAABCCCBAAABCBCBCCABBBAACBCBBBCAACBAAAAABAABBBCBCBABCBABACACBBCABBBAACBBCCCABBACCACBAACBACAABBBACBACBCBCCBBBABBBCCBBACBBBBBCCCBCCCAABCCCABCBBACCAABCCCAAABCBAAACACAABBBBBABBBCAABACBAACAAAABACBAACBCCCABBBBCBBCAAACABACBBBBAACCAACBAACBABBBABCCCCCBACCBCABCCCBBCCACBBABCBAABCBAACCBBBABACCAACBBBAACCAABAAAACBCCBBBCAAAACAAABACCBBCCCBCCCCABBAAACCBBCABBBACCBAACACBABCBBABAACBBACACCABBCCCBCABBACACCBABBCAACABCCBABACCCBBBACABBBACBACACCBCCCABBBCBACCABBCBCBBCAABBBBBBACAAAAABBBBBACBCCCBBAACABCCCABBAACCBBCACACACAAABAAABACBABCACBAACAABCACCBCAACBACAAABBCCABCACAABBABBAACACCABCACAABBBCACCABAACCBCACBCBBAACCCACCCCBBBBBACBBCBCBBACBCCCBBBAAABABAACACAAACBACBBABCBABBABBCBCBABAABBAABACCCCBCBBABBABBACCACACCABABCAACCBCACBBBBBBBBABCBAABABACBBBBAACCBBCCBAAAACBACBABACCAABABBCAABBCACCCCBACABCBACBBCABAACBCCBAAAABABABBACBABCACBCABCAABACBBBBBAABCBAAAACCAAABBBABCCCBCBBBACCCCCBCBCBBCCABACBBBCCACBBBCCBCBAAABBABABAABBACACABAACBCBBBCCCBBAABBBCAABBAAACBBCBBBACBACCAABBCCCBBAABCBACCCAABCACBCAACCAAACABAAAABABABCCBCABCBCCABBBBBCABABACABBAAACAABCBCCBBCBCCBBBBBBCAABCCCABBBBCBABCBCAABCCCAAABBBBBCABBCAABACBBABABACCABAAAAAAABBACCCAACBBACABCBCBBBACCAAABAACCCBAAAAACCABCCCBBBACAAAAAACABABCABCBACBABCAAACCABAABCBBCABBCCBCAACCCABBCBCABBCBCBCCAACCBBCABBACBBACCBBBBBCCCABCBBCCBABABACACACAACBBBBACAAACABCAACBAACBABBABAACBBAAACCCABBBCACCAABABCBBABCCAAABAACCBCCBAACCCBBAAABBBCCAACCCCAABBBCACACCCAAABCACABBCCCBAABACCCCBCCCAABCCCACAACBABACBAABBBBABBCBBACCBBBAAAACABCBCBCBABCCCABABABBACBCCCACACBBBCBBACCBBCBCABBBCAACCAAACCCABBCABAACCCABAACACABCCAABCCACCBABABCACBCBCBBAABCCACBCACCABACCBAACBCBBBBABCBAAABCABCBACCABAAABACCACBBAABBBCCCBCBBCCABCBCBCACACACCAABACACACAABABAAAAABABBBACAABCCBBCAAAAAAACCBACCBAABABBCBABCCABCAAAAAAAACABCBBBBBAACACCACACCCBACCCABCCBABCCCABAAABCBACACBACCBBCCCCACCABCBCBAACAACBCCCBABABABAACABBCACACCCACBCAAACCBBABAAAACBAAABAABACBCCAABCCCACAACABCCBACBCCCCABBCBACBCBBACCBBACBCCBBBABBBBABBACAAABAABAACBABBCABBBBBBBCABCBAAAACCCBBAABCBBBAACBCBBBBCBACCCBBAABAACCAABAABCCCBAABACABCBACACBAAABAACBBBBABBBCACCBABBABABABBCCCBABAAABABCBCBBABACABBABCBACBCBAABAAACCAABABBACCABCCBCBBCBABBBBACCCACCABBCACBCCCBCBCABAAABBBCAAACAABACBBBABAAACABCCBBBAABACBACBCCABBABBBCBCBABABBBBAABCBBCACABBBCBABCBBBAACAACCCCBBACABBBBCABBCCBACCBBACCABBCCAABCACBBBBCABBCACABCAABABBABBBABBBABABCCAAAAAABAABCAAAACCCBBAAACBBCBCBCBCBACBCABBCCABAABABCBCBBCAAACAACBCACAAAACCACCCCAACBABCABBBACBACAABBBCACBBCACCBBABACACBACACAACCACCCACAABCBCAACBCBAAAABBBAAACBABBAACACCCCAABBBBBACBBAAACBAACAACBCCCBBACCABBACCBCBAAACCCCCBBCBBBBBCACCCCCCBBCCBAAAABBBABBAACBCABCAAAACACCABBABCCCCCCABACABABBCBAABBBCBACCAAACAABACACBCACCAACBBCAAABACBACACCBCBBBBACBCAACABCCBBABCBAAAABBCCBBBBCBAAACCBCACBCCBBBCCBBCBCBBCACBBCAABCCCCCBAAACBBCCACCABAACBACCAAAACABABBBCBABCACCCAABBCBBCCABBBABBBCCBAAABBABCCACCBCCCCBBABABCABBBCCBBBACCACACCABABACCAACCCCACCBABCCABAACCACCBBCBBBACACCAAAAACBBBACCACCBCBACCABBCCACBAACCABCBBABCBBCAABACBABACAABCBABABBABABCACACBBACCBBACABBBCACCCCBBABACAACCCCAABBBABCCCACCBBABCCCCCAACABBCCBCBACACAAABBBBABAABBCBCBCCABABCAABACCBACCBBABBACBCCACCABACCCBCCBCABBCBACBBAAACCCCBABABCCAAACACCACBCABABCABACABABABCCACACBCCAAAACCCCCACBAAACCACBABCCCCAABCCBCBBCBAAACBCCCCBCBCCBBBACBBBCCAABBCCBBCBAABBCABBAACCCAACBABABABCABAAAACCBBBACCAABAAACBAACBCACCCBBACBACACBCCBAABCAACAABCACBCABCACBAAACABBCCACBCAABCABCCBBACBABBAABCCCCBACCABACBCBCBCBAABCBCBBBBAAABCCACCAAAACAAABCCBAABCCCABCABCBBBABBBBCCCCCCCABABCCAAAACBCBCACABCBBCABAABBABBCABCCCACCCBBCBCBCACCACBCBCACBCBCABCACBCBCACCBAAACBCCBBAACACCABCCBBABBACCAABBCBBABABBCBBBCAAACBBABCBABCBCCBBBCBABAAACBCAACACCCBCBCBAABCBBBBCCCCAACAAABCBAACBAABACCACBACAACACAACCACCBAACCAACCAABCAABBBCCABAACAACBBBCABABAACCBAABBCABCBABBBABBBABCCBBACCACCACCACBABCACBABACACACBACCAABBCBCAACBCBBABCACBAAAAACACACCBCABABBBCACBCBACBCCCACBCBBCACCACACCCAACAAAAACCACCABACCCAABBCACACAAAAAAAACBAAABACCAACCBBCCCBAAACCBABAABBAAACABBABACBBBABCABBACBBBCACCABCABBCABCABBCACCCCACBCBBCBACABBCBBBAAACCABBCBBCBBCCACABCBCABCABABCCACBABCACACCBCBBBCBACCBBACABBCACBCACAACBCAABACBCACCCCCCBAABCACACABACCCAAABABBBABBBABCCBBAABCCAABAAAABCBBBCAACCABABACCABBCAACCABACBCABAACCBBBAAABBAABCACACBBCACBCBCACBBBCBABBCBCACCBACCABCABBCBCCCABBCCABCABBCCBABCBCACBBCCCCAABBBBCACBBBABBABCABBABABCAAABABCACAABCBBBBABBBABBCCAAAABBACAAACBABBCBCCBCCBCBBCBCBCACCBABACBCBCAABBBBBCBCCBCABAACABCACCBCCCCCBBBAAACBBCCBBBBCCACCAABCCCCCBAABBACCBCBBBAACBABBAABACBABAABCACCABCCCBACBBCACAABCCBCCCBAABACBBCBABBBCBCAABCCBAAAABCACCCBACACBBCBBBCABCBCCCACBABBCCBACACBCABBBBBBCACCCABBCCBAAAABBCCCAAAACAAACBAACBBACBBABCBCABCBBCBBBBBAACBACBAABAAAACBABCABBABAACCBBCACBBCACAACABBAABBCACBAAABCBCABAABBCBCCCCCCBABABCCAACCBBAABAAABACABBBBCACACCBABACAAACCACBBCACBAAABAABAABCBACBAAACCCABBAACBBBABBBBBABCBAACCCCACACCCACBBBABCAAAACABCACACBACABCACABBCCBBBABBCBCBBCAACCAAAACBBBCABCAACCABBACCABCCABBCBBAABACACAAAABBAABACABABAACCCBBCAABCBACBCACAACCBCACAACCBBCABAACABAACABCCBCCCACBABCBBBCAAACCBBAACCCCAAACCBCACCBABCCACABBCCACCCABCABACBABCCACBAAACBBCCACACAAAABBCBBCAACBABBBBAABCAAABCACABBBCCBAAACBBCBCBABAAABACBCCABCBCBAABCCAAAABACCCBBACBCACCBBBAACBCACCCCABCBBABCACBCBCCACAAAAAACAAAAAAAAAACABABACCCBCBAABAAAACCACACCBBBCABCBBBACABACABBCCCBBBAACCCBCBCBCABCACBABCBAACBCCBACCBBACCAACACACBCAAAACAABCAACBBABABCCCCBABBBCBBAACBACCBAACCABBBAAABCACBCACABABACBBCCBBBACABBCBABCCBAABCAAABAACCBBCBCAABBCCBACAABBABCACCABBABBCACCAAAABCCCBAABCBABCCABCCCBBCCBCAABCABBACBAACCBCACBCABACACCACCACCCCACCBBACCBACAABCCBCCBBACACBABCBCACCBABAABCBCCAACABACBBCBCACACCBBCABCABBCCCBCCBCCBCBACBACACAABBAACCBCABABBABABBCBCCABBCCBBBCABBABBACABACBBCBCAAABCBBCAAACBBBBAABCABBCAAABBBBACABBCCAACCCACBCCBBCABCBACCCCBCACACACBCBBABAACBBACACACBCBACBCCBCCACBCBBABACBBBBABCCBCBABCABACCAAABCCCAAACBBBAACCACCCBBAACABBBCBCACABAACCCCAABCCCBBCABACBBAABBCCBABACABACCCCCBCABBBAAACABACBCABCAACCCBBCCCAACACBBBABCCBAAACCBCABAABCABACBAACBCCABBACBCCCAACAABABAAABAACBCCBCBACBBBCACCCBACABCBBCBCACAABCBBCCBACCCCCAACCABCBBAACCBBBBBCBABAAAAAABACCCCCCABCBABCCCAAACCBACCBAACBCBCACAACAACBACCCBCCBBABCCBACBABCCAABBCCBBCABACABBCACBBACBCABBAAAABAAAABCBCBBCCBABCBBCCCAABACBAAABACACCACBACCCCBBACABCCCACBCBCABABBBACBBCCBBCABACAABACAABCBABBCCCBAABCCCCBBBCCBCABBCCAABBCCACCCBCABBACAACBBCBCCCACBCCCCABBAAABBACCBAACABAABABCCBBACBCABBAABACBBBAABAABCBACBCABACAAAAAABBACCAABCACBABCCBCCBCACBBBCCCBCCACACCCACCACCBCBBCCBBBCBCBACBABABBBBCAAAABACBCCBCBCCACCBACBBABAAACBBBCAAAACACAAACABCBACBBCBBAAABCBCBBCBCAACAABBCABABBABCACBBCACAAACAABBABCBBACCCBCCBACBBCBBCBCAACBCABAAAACBAAABBBACBCBABBCBBCBABBBBCAABBAAAACCBCCACBBBBCACABAABCAABCAAABCACAABCCBCBBCAACBBCBBBCAAACACCACAAAACCBACCCAABCBCCBACCBCACCBCAAABBAABABBABCABBCBCAABBBBBBABBBCABCACBAAACBCCAACCCCBACBBCBCBBACBABBACCBCCAACABCAAAACCBBAACBBAABBBBBBCCAAABCCAAAACBAABBABCBBCAAACBBCCACCCBBAAAACACCBBAACBAAABBAABAAAAABCACBAAAAACCCCABCCABAAABCCCACAAAACBAABAACBBBAABAACBCCABABCACCACCBCBBBACBABACBAAAABCBBABCCBAACCCCBABCCBBACACBAACCCCABACABACCBCCAAAAAABAAACACCBACAABCCBABAABABAAAAAAACBACBCBCAABCABCABCABBBCBBABCCBABCAAAAAAACCBCABACACBAAACCAACABCCCABAABCBBABBCBBACBBBCBAAABCACBCBBCABAACCCCCCBBCBBACCCCCBCBABACABACCBBCBCBBBCBACBCBACCBCCBCCAACCCCCBCBABACBBBAABCAAACCCAAABBCAAACBBBBCBABAABBCBAACBABBBBBCABAACCBBACABBBBBCBACBAAACBCCABBAAAABBCCCCBBACCACBACCAACCBABAACCCBCBBCCBACAAABCCABACBCABBCBBAAABCCACACBBBBACBBABCBACCCBCBBBBBABCBCABCABCACCBACBCAACCABBACAABCCACCCAAAAAABCCCCAABBCCAAACBBBCCBCACBACCCAACACBBBACABAAACCCAACBBBABCCABAACABCCAACABABCCCACCBCACBBBCBCBABBCABBBCCAACCCBACACACAAACBCCBACABCABCAACBACBCCBACCCAAABCACBCBAAABCCCABCBBACCBABACCBCCBBCABCCBABCCBABABCBCCCCBCBCABCAACCAABBAABBCBABBBBBCBBCABBAAACBBABBCBACACCABACBAACACBCAABCCBBABCACCCBAAACAAABBACBBCCCBABCACAAAACCCBBCCAABAABBCBCAAACBCCBABCAACACBBAABCCBBBACABBCACCBCBBBCCBACCCBABBCBBCABACCCABAACBBBCBBAACCCBCAABCAACCBBBABBBCCCCCCBBCAABBBABCCCCACBACAABCABABBCCCCCBAABCBAAAABCCABCCCBBACACBBBACCCAABCABAAABCABACBAABABCCBCCCBABAABAAAABCCBBBBACBAAACAABBBCACCBABCBAAAACCBBBAABBCCCBAABBBCAABAAABCAABABCBCCBACABABACABAACABCBCBBCCBBBAABCBBBBBBBBBAAABCABCBAABCCCABCCACCCCCBAAABCCBBACBABCCAAABBBBCAAACCBBACACCBACACBACACCBCCBBBCBBCABCBABBABBCCACABBCAACBACBCACCABABCACACCBABACABCACCABABBBBCCAABCBABABACACABBCCBCABCCACABABCCAABACAAABCCAACBCCACCBABABBAACBBCAACCABBBAACABABBBCBACBBCCBBAAAAAAAACAABBCCCACCBCBCABCACBBABACBABCAABBBAABACABBBBABAABCBCBCACCAACACACBBBBBABCAABBACCCCCBACCBAACBABBCBBCCAACBCCBBABBBACAAAAAABCACABAAAAABCBBCCCBACBBABBBACCBBBBBCBBBBBBBABBBCBCCABAACCAABBCCBBABCBCCACBAABCCABBBCAACBCCCCACBACAABACCAACAACBCBBACBCBCCCACCCCBABBBABAACBCCAACCCCBBCCACBACAACCABCBCBBBAACCAABBCABCBCBCCCCBAABAABACBBCBCABBABACBBAAACCACAAACAABABBCCBAABACACCBBBCAAABCCBCCBCAACBCABBABABBCACAABAABBBBABCBACBCCBBBCBCACAAABBCCCCAAACAAAABBCCACCCCCBBCCCBBBABACABAAACBBBABCBABCBCCACCCAAACCCBCBCCBABACBBCBBACBAABACAACCBCBAACAACBAAABBCCCCBCBCBBCABBACAAABBBBBBCACCCBBCABCAACABAABCBBBCACABBBBCBAACCCCACABBCCACABAACCBCCCCABACBBACBCABCCCAACCBBAABABCACBABAAABABBCBBBABCAACACCCCCBACBCACACCABCACAABBAAAAACCABBBAABCACACBBBCCABBACBCCACACABBCCCABACBAACCCAAAACCBBABCABAAAABAAABBCCCABCCBBCBABBACBBBACBCBBBCBCBBCBCCACABABBAACBAABBBBBBACACBCCCCABAAABAAABCCCCACAABABBCAACCABCABAABBBBCAABBBBBBBCBCABAAABBBACACACBCCBACBCCABBBACBBBACCBBCCABBACACBBBBBCBCBAABBAACBBBCCAAACACACBBAABCBBABCBBCCBACBABBACCCBBAAAABBCBACABBCABBBBACABAACBBCBCABAABBACCCCCCBABCBBAABAACCABCABBAACABAAABBBBBBCCBABBBBCCBBCAABACCAACCABABACBBBACCAACACCACCACBABAABCCAACAABACCACCCACBCBCAACCBABACBABCBACABBCBACCACAAAACAACABBCABCCAABCCBBBBAAABBABABCCBCACACCBCBBCACCBABBABABBBAABACBABBBBACACAABCACBAAACACBBBCCBACBBACCABABACCBBBAAACABCBCCCAABBCCBCACBABABBBCBCBAACCABCABBBBCCABABCACBBBCBCAAABBBCCBACCBCBAABACACAACAACCCABACBAACCCCBABAABCBCCCCCABABBCBBCCBBCBABCCAACABABAABCBCBAABBCCABAAABBACAABBCAABACBABBCACAABBCCABABACBACBCACBABCBBBAACCABCACBABACBBACCCCCCABBBABCABCBCBBABBCCBBBCBBCCBBCBBBBCAACBCCBBACCACABAABACAABBCCBACCAACBBAAABBBBCCCCABCABCAACACCCBCBACCCCBBABCCAACCACACABCAACBCACABABCABCBBAAAACABABCAABABBACAAACBBCACAACAACBBCCCCBACCBAACBCCABABABCACABCBBAAAABBCCBBAABCCAAAACBBACCBCCCBABCCCBBABCABACCAABBCABAACCCBBCACBABBCBBBABCABACBBACABCCBBBBCABBBBBCABCABABBBBCCCBBCCBCABBCCCBBBABCBCCBABBBACACAABBBABAACBBBACBAABACCCCBCBCACABABCBABCCBBABCCBBBCBABAABACCBCBABAAACCBCCCCABCBACBBCAACCCBAACBBACACCBBCCBBCBBBACACBCBACCCAACCBAAAABACCABACACACBCACACBBAACABABCBBCCACCABABCAACCACCCCABBCBBBCBABBAABCBACBBBCCBBBAACABCBBCBCBBCABCCCCACABAACCABBABCBACBCCABCCBBACBCCCACBCACABBCAABAAACABCCAABBACBBBBBCBABCBCACCBAABAAAABABBBABACACBCBAABBBBBACBBAAACAABBBABBABBABBBCAABABBBACAACCACAACBBBAABBBABBAACABBACBBBACCCACCCACCCCAABBCABCCCACBBCBCCCABBCAACCCBACBAACAACCCBBABBACBACACBBBACACACAAAACCBCCBCCACAABCACCABCCCAACCACACCAACCCBCCBABCCCCABCBABCCCABBCCCCCBABACABCCCBCBBBBABCCACABCBCABABAACCABCCABCACBACACBCAAAABBCCCAABCABBAAAABABCBBBAAACBBABAACBACABBBBCCBABCCAABBAACBCBAABCABBBABABCABBCAAACABBCCCBACCABBBBCAACAAABCCCCABBCCBBACBAABBABABAABACACBABCBACAABCACCCCCACBBBCACCCABACCBAACCABAACCBACABBBAAABCCCBCBAAACACACBCABBAAAAABABBBCAAAABCCABACABBCACACBAACCCBABCCACBAACCBBBACAAAACBBBBACCCBBCACCAABACBBCCBBCACBAAAABBABCBCBCBBABCAACBABBAACCBBABBABAABCCACCBABCCAABABCACBCBACBACCAAABBAAAAACBCBCBACACAAAABBCACCCBBBACACBCABCCBCCABBBCBCBAAABCACACCCAABABBACABBABBBACBCACCBBABCBCCBABCCACAAACCCACAAAABABBAACABBAAACBCACAABCACBBCBBCCABBACABABCBCCCBBABCBBACCCABBCABCCCACACAABBCCBCBBABCBAABBCBBABBABABCABCCCACCCBABBCBCCBCBCBABCCCBACACABABAABBBBACACAAABAABBABCAABCCAABAABCACBCBBACAABBABAACACCCAAACBBAABACCBCBBCBCBCBCBCACCACABABBCBCBABACAACACABCBCBBCBACCCCBBAACACCABAACCBAABCCCAACAACBACBBCBAACCBAABBCAAABBCBBBCAAACACBCBAABCCCCCAACACCABACBBCCCBCCACACCACBBCACACCCABCBABCBBACBBACCBACABCBBBCCBACABBBACACBBAABBBABBCCAABCBBAACCBACCACABABAABACBCBCCACCCCBBBCBAABBBAABAAACCBCBAACCCAABCACABABCBABACCBBCBCAABCACCABBABACAABCCABAACAACCCACCCCBACBACCCACBBBABABABABBCACBBBCCBAAACACBABBCACAAACCCCABACCABBCAABABCCBACCCBCABCBABCCBCAAABBCACCCAAAABCCABBCCAABCBCABCAACBCBAAABABBBBBBACBBCCBBBACBACACBABCABBABCBBBABCCBABCCACABCBABABCAABABCAAACBABCCCAAAABBCBBBAAAAABCBCBBCABBBCBBBABBABABBBBAAAAABCABACBAAABCCAABCCBACCABCCBCCACCACABBACBCBCBAAAAABCBCCCBBBABBAABCCBCBCCBAAAAABACABCBCBAACCAACBBABAABABCACCBBCBCABCBBCBCABBBCABBCCACBBBACCCBCBBBBCACBABBCCAABACBBCCABBACCACBACBBCACAABBBAAAACCABAABCCCCACCACCCCCBACAAAACBACAAABBCBCABACBBBCCCAAABBAACACCAAABCACACACABACCABBCBCCAABBAABABCCBCCACCBCBAAAAAABAACACBBABCBCBCCAABBABCAABBABCCBAACABCACABCCBABBBCAABCACBBBABCABABBCBABCACCACBAAACBCBABBABCACAABBAACBBABCACCABAAACCACACABABABCCAABBCCABCBBAAABCCABBAAAAACCBBBCCCABBCABBCACCCAACACAABBAACABACCBACAACBBBCBABCBBABBBAACCBBABABCCBBABCACCAACCCBABAABBCCAABACCCABACABCAABBBCABCCABBAAAABBCBABACACBBAACCABBACBABCBBBCABAAACACBCBCBAAAACCABBAAABBABCCCCABBCBCCAAACBBAAABABBCCABACBACCBBAACCABBBCBBCACBAAABCCABBCCCACCCACCCBAABCCABBAACCBBBAAABABACBCCBAAABCCCBBCCCBCCCACCCCACBABABBBABCACBBCCCBACBCCCACACBABBACCACAABACCABBBABCBCCCBBCBBCAACBBBABCABABAAABBCCBBCBABBCBABBACAAACBBCCCCBCCBBABBBACBACBCCCCCBBAAACCCBACACABBBBABCCCBCCACCABBBCBBABBBBCCACBAACCCBABABCCACCAACABCCBCBCCAABCBABBABACBBBAACBCBCACCAABAAACCABCBABCBBABBBBCCABCACBCBBACCAAAABBCCBACACBBBABCCABCBACCACAAAACAABBBBCCBBACBCBBABBCBBBCCBAABBCAACCABCCCBABBCCBCABCABCCBAABCBBABBBABBAABBCCBBCBCBAACBBCBABCACBBCAAABACBCABBCBBBBCCCBABBCCCCAACCAAABAABACABCBAACABACAAAABAABACBCBACAACAABCBACACCAAAAACABCBAABABCBCACBCABBAACBCBCACBCACBBABACBBBCBAAAAABAACCACABAACBCACABCBCCAAABBBBABCBABCABCBCBBCBABBACCACACCBCACCAACAABACCBBCCACCBCACBAACCBBBCCCACCACBCBCBBAABCCACAABAACABCABACACCBBABCCBCCAAABBCCBCBCACACBBCACBACBACBBBBCCABBCCBCBCBBACCBCCCCBAAACABCCCACABAACBACAABBBAACCBCAABAABBBAAAAABCCBAACCBCCCABACACBABBCAAABBACBBCCABBABABABCACCBCBBAABABBCBCBACACBBCAABCCACABABABBAAACCBABAABABBBABCACBABABABACAAABAABBCCABCBABACCBCCBCABCCCCACCBCABCACCBCABCBCAABBCBAACACBBCCCBCCACBBABCCACBBCBBAAAABCCBABCCCABBACABCABCACCBAABCBAABCAABBCBBBBAACCAAAABBBBBBBBBABCABCBABBAAABBACAABABBABCCCAAABBABAABACCBBACCACAABABBABBBABBCBBBBCBAABAAACBCABAAAACBCBBCCBAACBCAACABBBBBBBACBCAAACACBAABCCCCBBCCCABACABAABBACCBAAABCBBCACCCACCCABABBACCABBAAACAACCACBABBABAACCABACBCCACACBCCACBBCCCAACCBCBBBCAAABBBACCCCBBBCBCACBAABACCCCACAAABBBAABAAABCABBCCBACCCBCCABCCBBCACBBCBBCABBBBBCAACBBBBBAACCABBACBCCABCAAABBBCCAABABCCACCCBBBACCAAABBAACCBACBCBBBCCBACAACCACBAAACAAABACCACCABCBBBBBCCACAAAACCAAAACCAAACCACCABBBBCCABBCCBBCBABAABBACCACABAAAACCACBBBCAAAABBBAABACBBBBCBBCAABCAACCCACCBBCBBBCCBBACBBCAACCBCBBBACACCCAABBBACAACCACABAACAAABBBBAABABCABACCCBCAACAABBBBBBBCBBBBCACCBBACBABCBBBCAAACCCCBBCACAACBCCCBCCCCCACCBCBCBCAAACCAABCCCAAAAACCBCACACCBBCAACBCBBBCACAABACAABCAACCACCACCABBCACABAACBBCCAABCBCACBCCBCCBCACACABABACABAACBBCCACBCBBCBABCBCACCCAABCCBAAACCCCCAACBCACBBCCCBCAAACBACCCACBCCBAACAABCCAABBBCABBBACCABCCABACAACACBACACAACABABBBBCCCACBCBCBCACABAABAACCABABABAAAACABBABAAABBACBBACBCACABCCACCCBBBACBCBACBAAACACCCAACAABCBCBCCCBACABCBBBBACBBCCBACAACAACBCCBABAABBCCCAABBBABAACBACBABAABBCACBBBBAAAACBACCCABBBBCABCBACABACABCACBACACBCBABAAABBCCBBCABBACCCCABCBAABAAACBBBCBCCBBACCCAAAABCABCCCCCBAAACABAACAABBBAABCABCAAACAACACAACABBBBBCCACABCCACACCCBACBBCAACABBACBCCBBABCCACACCBABAABBCABABCBACCCAAABCCCBBAACABBCABACBCCCBABABBAABBACCAACABCABBCBCBBAABBACCACCCABBBACACCBCCACBAABACACABBBBAACBBACBABCBBBBBBBABABCCBBBBBACBABBCCCACAACBBCBACBBCBBBCBAABCCBBBCBBABAAAABAAABCBBBBAABACCAAABCABCBBBAABBCCACCCAABACBACCAACBBCAAAACBCBCCCBCACBCBACACBBCCACCCCBCCBAABBABABCBAABBAACACAABCABBBCCCBABCBCCACBCCABBBABBCABBCCBACBCAAACCCCBACCCAACBCBBACABACBBABACBCBAAABBCBAAACBABACBCBACBBABCCCCCBCAAABACCBABAACCCBACACABACCCCACBBABBBCCBAACCACAABACBCABAAABCBABBBCCCBCACCCCCCABAAACBCACAAACCCBBBACBBCCCBAACBCCBBBCAABCACCCABCCBBBCBBCCACCACCBCBCBCBBBBAABBACACAAACACAAABBBBAAABBBBCCBCCBAABAABABCCCAABBBCAABCBACCABABABCAABABABAABBAAACCABCBABCACBBABCCBAACCBCBAABBBBABBBBCCCAACBCCAABBACBAAABCCACCCAAABCBBBBBAAACABCBCABACBABBCCCBBBAACCBBBCACBACCAABBBCCCCBBACCCBBBACBAABBCACCCCCCAACBCACCAAACCACCCAABCACCCBACCBABABCCABBCBBAAAACCBACACCBBCCCABABBCABACBACBABCBCCACCBAACCBBACBBBAAAACABBCABBCACACAAABCCBBCAACACBBAACABABACBBBBAACCCBCABCCCAAAAAACCBBCBBBBBACABBACBCABCCBBABABBBCBAAACCABACBACACACABBAAAABBBBCCAABBBCACAACCCCBCBACBBACACABBBCACBBBBABCBBBBCCBAAAABCAABABABBCCCBCCCBCACBBABAACCBBCABBCBCACAAABBABBAABCACACACBAAABCBABBBCBCABBCCABACBCCCBACCCACCABABABBBBABCAAACABCBCABAACABBABBACCACBAACABBACABAAAABAAACAABCACCCBABCABBCBBACCCACCACABBAACBCCCACACABACABCCACBBBACCBCACCCAABCAAAABAABCBCABCBCABBCAABCAAABCBCCABBBBABBACABCBCCCBCBCBBBBBBAABBCACABCBBACCBCCBCAACAACABACAACABCCACCCCBCBCBACABACCAABCAABBCCBACBCBBCAACCACABAAAAACBBCBBBCCBBBAAABBACBCCCCCBACACBAAACCACACBBBACBBBACBBCCABBBCABABCBAAACCCACCAAABBBACACBCCBBAAABCCCCAACAABCCBBAACACBCBACCBAABCABCACCAACAACABABBABAABCACCCBABABBCBAABAACAABBAAABACABBBACCAAACBBACAACAACCABABAACBBABBCBBACCBABAACABACCBCAABABBACBCCBABCBCACBCACCBBCCCBBBBAAAACCBCBCBCCBBBACCACCABCCCCBBBBBAACCABCBBCCBBCBACBBBCACABBCAACBABACAAABACBAAABAAAACBCCAACCCCBBCCAAAAABAACBCCAAAABCABCBACCCBBBCAAAABBBCBBCCBBBBBCBBCAABBABCBCCBCAAABBACBACBBAAABAABAAACABACACABCBAABAACAAABAACBBCBBCAACCCCCAACACCBAABBBCBACBAAACACCACBCABBBABBBBCBBBACCACCACABBCBCBBACABBBAACCBCBBAACCACBACCBCCAABAABCCBCABBCBCABCACBABCCBACBAAAAACACCACABCBABBCAABACBABCACACBBBAABBABBCAABBAACBCAABBACBAAABCCBCAABCBBCABBCBBAACBBAABBABACBBBCBABACAACBCACBCBCABACABACACAABBCBBCAAACBBABABACACACACABBACBACAABBAACCBBCABCACAAACBBCBABACAACCCCCBBBCBBCBCCABABACCBBAAAAAABACBCBBBCACCACABABBAABBCACBBCABABBBCBCBAACACBBAABBCBBBCBBACCAACACBBABCCCABAABCBBACBCBBBCBACBABABBCAAABCCBBCACBCAACBCBBCBCCBAAACCCAACBCCCACBBCAACBBABBBCBBCBAAACCBCACCCBACCABBACCBBBCBCCAAACACCBAACACBBCBACACBCCABBCACBACBBAABCBAABCCBACCACBCAABACBCACBABCCABABABCAAACACCBAAACBBAAABABBACBBBBAAACACABBCBBBACCABBCACAAABBAAACCACCACACCCBCCACACCAABCCCBCABCBBCBBACABCBCAACCACAAAACABBCABCACCCBABBBBABBCACBBABABBACABABABBCCCCBCCAAAACABAAABACBCBACAAABBBAACAACCCBABAABBCCBCBCCAACAAABBACBACBAACABAAABCABBAACCBBBCAAACBCCABAAABBAACABCCCCACAACAACACAACCCAAAABCBCBCBCACCCABAAAABABBCBBAACACBBBCAAACABAAACCCAABBBACABABBABBBBACBBACCCBAACAACCABABBBBBABCCBBBBABACCBAABAAAAABCBCBBBAABAABCACBAABCCBAABAAABCCCBBBBABBBCBBBCCCBACBCCCBAABABCACCCACBAABBBCCBBCCAAACCCCACBBABAAAAAAAACBCBACABABCBBCCBBACCCAAACACBACACCBAACBBBBCCCBCABABACAACBBBAAAACCBBBAAABCACABCCCCCABBBCCACBAABBACCAACBACABCBACBBABCBAAACBBCBACAABBABBBACBCBABABCBAABAABCBACAAACABCCBABABABAACBAAABAAABCCACACAACACBCAABCCBCCABBCCACBACCBBACCBAAAACCACACCACABBCABBBAABABBCBCBAACACAACCCBCABCBCCCBCCACBCABBAAABACAACCABACCCCBCABABCCBBBBCBBBBBCBACBAAABCCCBCBABBCCABABBCCAACCBBAAACBABBAAABACACACABBAABACBAAAACBBCBBAABCACBBCCCBBCCCCAABBBCABBCCACBBBBCCBBABCBABCACBAAACAACBBBAACCCCBABCBCBACCCAABCAACBBBCCCCACBBBBCAACCABBAABABCBCACBABCABBAACACAACBCCACBBBACCAAACABAACCCCACCAAAAABCCBCAABCCBBABBAAACCCABACBACCAAABBCCBBCACCCBACAAACBCCAABAABBABAABBCCABBBACABACBBBACBCACACAAACBBBABBCBBABCCACBACACABBABACCABACABBAAAACACCBBBBCBCAACACACCCBACAACAACCABACBBABBCBBACCAAACBACBCCBCAAAABBCABBBCCBCACACBACCCAACBAACBBBBACAAAAAACBAAAABACABBABAACACCBABACABCBCCCBCABBBAACBCBBCAACBAABABAAACBBCBAACCBAACAABBACBACACBAACBCBBBABBBABCAAABACBACAABCCCBBCCBAACABABBACCACCCBBCACABCAACABCBCCCBACCBABACBBBAABCAACCBBABCABAACCACAABCACAAACACABAAAABCACCCCBAACBABABACBABBACBACCCCABBBCCAABAABACABACAAABCCACCBACCBCAAACABCBCBBCBBCBBABCBCBBAACACACCBBBCBCBACBCCAACCCAACCCBACCACCBABAABABCCABABBCCCBBCCBCCBACCBBCACABACCBBAABCACBCABCABAAABACABCBABBACAAACAAACCCABACCABCAAABCACBACAABCBCCCBBCCBBAAACACABCABCACCACCBACCBBBBBBCBCCACBCCCAABBACBCCCBABBACABABAACACBCCCCBBBAABBCAACCCCAACBBBBBBABACBCACBBCCBCCABACBAABABBABBACABCCACBACCBABCABCCCBCCCABBBCCBBBCAACABACAACCACCCBBCCABAAACACBCBACAAAACCACCBCCAABABABBAABACBBBAABCCACBBBACCBCABACABAABCBCCBBABBCBABCCABCBCBBBCBABCCAACCAABAAACABBCABCCCCBACBAABACBABABAABCAAACABCBCBBBCBABBBBAACABABCAABBBBCCACCCBBABABCBACCCBABCBBACBCCBABBABCBCBACABAAAAACBACAABAABCAABCACBABBAACBBCBCAAAACABCBAABCBABBCAACBCBBCBABACCBCCABBCCACCCCCBBBBABCCABCBBBBCCCCCAABACCCABCCBCCCCABBACACACABBABABBCACBAAAABCACBBABCCABAABCCBACCACBCBBABABCACABCBBACBCBABAACBAAACCBCBCBCCBBCCCAAABBBCCBCACCACBCCBABBACCBCABACBCCAAABBACABCBABACCCABBAABAACBBBABACCBCABBBBBBBAACACCBBCAACABBCBABABABCACCCBACAABBCBCAAAAABCCCCCACACACCCCBAACBBCABABBCCABCBBBBCCCCCBBABBACCBAAAABCBCCBABABCBCABBABAABBBACBCAABBBABCABBACACAACBBBAABCAACACAACBAACCBACBBACACCACACCABCACBACBCBCBBCABBBABBBCABACABCCACBAAACCBACCBCBCABBABBABCACBCBCBAABCCBCACAAABCCABAAACCCACBABCBCCCCCCBACBBACCACBCCCBACBCCCCCCBACBCBABBABBCCBBCCCCBBBACBCBBBCABBCBABBABBBBAACBBABAAABACAAACBAABCCBABCAAABCCBBBCCAAABACABCBCAABCBBCCCCCABACAACBAAABBCAABACACBACAAABCBCCAACABACCACACBCBCBACBBBACBCCCABCBCABBBBCAAACCABABBBBBABBBCCAAABBBACBAACBABCABABABABBACBCBAAABACCBAAABCBCBABBAAAABCCBCBCCBAAABCABBBCCACCABCBACCAACACCBBCBABACCAABACCABBBCACBCAAACABCAACCAACBAAACCABBACBAAABABBBBBBABCAACBABBAAACABCAAAABBCBAACCCABCABBABBCCBABCCCBCABCCBABAABAACBCCBBCBCABBBBAABCACCBAACABABCAAABAACCBAABABBCCACAABCBCBBBACCBAAACCBCBBAACCBABCACBACCAAACAACCACCBABBCBCCBBBCCCCCAAAAAABAAACBBABBABBAAABCACCBBCABCCCCACBACBBCCBBBBACAACACBACBBCACBCCBAABABBCAACACACBAACBCCBBBACAACCCCCAAABCCCCBCBBBCBACACACCBCACBBAAACABBAACCCABABABACACBBBAAAAABBBBBAAABCCCBBABCCAACCAACAACABBABACABABABBAACABBBBABCCCBABCBCCCABBAABAAAACBCCBBAAABBBCBBBABCACBCAABBCAAACBBBCBABBBCBAABBBCCACCCCCCABCCCCCAACCAACCCCBAACCBBBAABABABCCCABABAAACBCAABBBCBCBCCABABAACCCCCBABCAAACBAAACCABABBBCBBBAABBBCAAABBABACCABBABCABACCCACABACACCCBCACBCACBACBBABBCABCBCBBACABACBCAABABAACABBBCBCAAACABBAACBBACCCBCBACACABAAACCCCCACCCBABBBCBBAAABACCCACBACAABBBAABBAAABCCBACABABCABBABACACACABBBBBAABAAACCBACCACAACCBBCAAABCACBABBCBBBACAACBAAACAAACAACABBCACCAAABBCCCBCCAAACBBBCACABAABCCAABCBACBAACBACABBCCAAACAABBAAABACAAACCABBBACCCAACCBCBBBBACAAABBACCABACCBCAABCBCCCABCCCBCCBCABACCBBCBBCCBABABAAACBBBABCCCBBBCCBBAAACBBCCCCBCBBBBBCCBCABCBBCBCCABCACBBBBCAACAACCCABABCBCBBBCBBCBCCBBABACAACBAABAACABCBCAABBBACACACBBBBBCABAACBACBBBCBCCCBBBCCCAABCCCBACCCCCCACBCBAABBBAAACCABACABCBABCCAAACABBACAAABBACBABCAABBABBBABABBCBBCCABBCCCCCCCACBCAAACBCCCCCBBAACABCCCBCAAABBCBACCCCBBACAABCBBCAACCCCACBBBACAACBABAACAABBCCAAAAACBCCBBAAAACABBCACAABCCBBBCBBAAABAABCABAACBBCCCABACBAABBACBBCBCACACCCCABCAACAAAACBBACBCCBCAABACCBBBABCBAAACCABCBCABBACACBABBBACABABABCABAACCCAABAACCAAAACCAACBBCAABBACCBCAACAACCABBACCCBCBCCACBCAABAAABAACABBAAABBCCCABCABCBBBCCCBCCABABCBBBBACCACACBBBBCCABBCAACACCCAAACBBCCAACAABBBBAAACCBCBBABBBBACCBBCBCABCABAABCCABACBCCCACBBACABAAAABCBAABAAABCAAAABBACCACAACACAABCBCCCAABCCCAACBCBCAABCAAABAAACACAACAACBBAAACAABACBACBBAABABAACBCBCAABCCBACCBBBBCCCACACAAABCBBCCBBBACABBCACCCCCABCBBBBCBCCBCBBBABCBCCAABCACCCBBAAABABABCABBCBBBAABAABBCCCBCCBACABCBBBBBCCCCBCAACBCABAABBBBCBCCABAACBCBBCAAAABCBACAABACBCCBBCCCAAACBACBACAAAACABBABBCAABABABCACACBABCACACBCACBAACBAAACBCBCCCBBAAABBABACCCBCBACBBABABBCABBCBABBBBCABCBBBBCCABBBBBCCAAACCBCCABBCCBBABBABBACBBCAABCBBACBCCCCACCABBACCBBAAACBBABBABBCAACAABCBBCABABABAAACABAABACBCCCBBABACBCBBACCAAABBABCCABCCBABABCBABBCBBCCCBBBCCABAACCBBBAAABAAAAACBBAABACBBBCBBCBCBBCACBABABACCACCBCBACABBBAABBCCAABBCCCCAABBBAAAAAABBCCABBBBACABCBCBAAACBCCBACABCACBCCABABCBACCBACBBCABAAABBBCCCACABCCBCCCABBAAABBACCBABBCCBBBAABCBBBBCACBAAAACAAACCCCABBABABAAAACBBBCACBACCCACAACAAABCBBCBBBCACCBCBBABBCBBACBAAACCBAAACABABABBCACABCCBABBBCBCAACABABCBBABAABCACABBCBABBCCAABBBCACCBAAACACBCCBBAACCBCBBCBCCCACBCAAAACCBCBBABCACAACCCBBABCCBABCCCCBAACACACABBAAABCABBACBACAAAACBBBBABCBBBABBCACCACBCBBABABABCABCBBCACBBACBBCCACCCAABABABABCABBCACCBBBBBABAABAABCBBABBAABAAACCCBBBBBCABCCABAABCCBACCABCCACBBBBACABABCCBABBBAAABACBABCABCCBBAABCBCAAABCABBCCACBCBAABBCCAABBCCCCAAAAAAABACBBCCABBACBBCBBAACAABBCCBACCACCCCCBBAACBCCCABABCCBABCBBACABCBCBAAABBBACCBAABBBAAABBABBACCCCBACBABCAABCBCAAACAACBCBBCBCCBCAACCCCABAAACAACCCCCACACBCBACABCBAABABCABACBCABBAABABBBCCACACCCBBCBBBBBCBCCBBACCACCACACBBAABACBCBCCAAACACBACBBACAACBBBCBBBABACCBBCCCBABCCABBCABCCBCCACACBAABBACBBCBCCABABCABABCCBACBABABCCCABBCAAACABBBCBCBCABCCBACACBBCCCAAAAABCACCBCCAACACBBCACBACCABCACBAABAAABAAAABBABBAAAACBCBAAAAAAAACCBABACABACCCCCCCCBCABBCABBBBACBACBBABABACBCCBABBBABABCCBBBCAAABBACBBCBBCCABACAAAABAABBCBBCCCACBACCCABCCCABAACAAABBCAABBCCBBABCACBACBCBAABACCCAABAACAACABABBAAABCAABCBBCCCCACCBCAAAABCCCCBCAAABCBBBBAACBABBCBABCBABAAABABBABBCBBAAACABCAACBABBCBCCCACAACCCCBCAACCAABBABBCBCCBCCACAAABACAAAACBCABCBACCCABBACAAACCCAAABACCBABABBCAACAAABBABAACBCCBCACABCBCBBCACBCAABBBAACBBBAABABBBAABCBAACCCBCBAACACBBABBBCBABBABCCABABBABBACAACACBBACABBABAACBAABABCCABABBAAACCBCCBCCCAACCABACBBCABCBBABABCAAAAACBACBCBABCCCCBCBBCAACBAABBCCCABAABABAAACCCBCCCBBACCBABBCABABCBAAACAACCBBCBCBCCCCBACAAAACCABCCAACBABBCBCCBBCABCABABAABBBBCCABBCABACAABCCCABBABBCACAABBBBCAABBBBBACBBBCAAACBCAABBCBBCBAAABACCBCACCCACCBBBABABCBCCACCABCACABBAABBABAAAAACCACCAABACBBBCBBBABBCCBACABABBBACAAAACAAAAABCCCBBABBABBBCCAACAACACCCCCBCBCABBBACCACBACBBACAACCBCCAAACCABBBCBABABABCCAABBCCAABCCAAACCABCAACBAAAABCBAACCBACABBCACBBBACACBCABCACBBAAAACBCCACCBBBCBBBABBCCAAAABCCCBCBABBCBBABABABACACAAACAACCBBACBCBCABCABACCCCCBCABBBBBBCACCAABACAACCACBCBBBBBABBBCBACBCCABACCBBCBCAABAABBCCACCBCCAACBBAAAABCAABBACACBAAACCBCBBBBBCACACAAACBCCCAABBBABABCACACBCCAABCCBCBAABBCBBCBBCAAACACABBACCCACACACCBAAAACABCACACBAACCABCACBBCBABCBBACCAABCAACCABCABABAACBBACCAAAAAABCCCCCCBABABCBBABBBBBBBACBCABBAABBBBAACCBCBBCCACCCACCABABCAACBCBBCBCAACBABABBCAAACAABAABCCCACACCCAACCABBBCBAAACBAABBCCCCACCCAABABBABBCBBBCCBBBBBBCCABAACCAAABCACABABCBACBBBCACBABCACBAACBABBCCAABBABCCCCBABCBABABCCCCCBCCABBBAAAACCCCBBBCBCBBBBBAACBBCBAABAABCBBCAACBCBBAAABBBCAACCAAAABBACACCBBBBCAABABACACAACAAACCBAAACBCCCAAABAACCBCACBCACBCBBAAAACAAACACCABCCCCCBCCCACCCBCBCAACCCCACACBCCCBCBBCACBABCBBBAAAABBCABAAABCAAACBBBCCCBCACBABCAABCCACBACBCBCBBBCBAAAABCCCCCCBBAABCCAABCABCBACABAABACBABACBAACBABAAABBAABCCABCBAACAABABCBABCAACAABBCABBACCBBBBAACBBBBCBAACBCBABCACBCBCCBCBBCCACCCBBBCBACCAABACCCBCCABBCACBCABCBBACAABCBAAABACAACBACABCAAABBABCBBCAACBCCABACAAACCACACABCABCBACCCABCAACCCCCACACCACBCBACBCCBCBABAABCCABCABCCBACBBBAABCBABCAACCABBBCBBBBCAABCCBCABBAAABBBABABABACAAACCBBBCBBBCACABCABBCBAACBCACCAAACBACABBCAACBBCAABAACABAABCAAABCABBBCBBCCAACABBACBCAAABCBACBCBABBACCCCCCCBBCCBCCABBBABBAACACCABBCCCCACCBCCCBBACBCCCCCAACAACCCBBCCBBAAAAACCBABBBAABBBACCAAAABCBBABCAABBBACCCABAACACBCBCBAACCACBCBCCAABCBCBBAACBAAACBBACAAACAAACAAACCBABCABABCAACCABCBAACCBCACCCACABAABACAAACCBCCCBBCCBAABCBACACBBBCCACCAAABCACCBCCCBCACACACCAACACBACCABCCAACCCAACACCBBACCCCABBACBCCCAACCBABCAACCBBBCAACBCCAABCACCACACBCACCACBCABCCBACAABCABACACAAABCACCAACAACBBCBACBCBCBBCBAABCACBACBBAAABAACCCABCCCABCABBABAABBAAACCCBCCCBAACBCBBBACCAACABBABBBAAABBAACAABCCBBCCCBCBBACAABAACCABCCBCACBBCCBBABCCAAABACAAABAACABBCACCCBBBCCACCBACBBCCCBBCACBBCBACBAABBBBBBBCACBAABABBCBAAACCBBCCCABBABBCBACCCBAAACCCBCCCCBCBCBBACBAABCBBBBCBBBCCAACCAACCABCACABCACACAAACACABCBCBACAAABCBBCABBABCCCAABABABAABACCACBCBBCBBBABACCABAAAACACCABBAACAACACCABACBCCBCCCABCCABCABCBBBABCCBABBCABACBBBBAACCCAABBBCCBCCCABCBBCBCBAABCCABBCCBBBBACAAAABABCBBBBCBABBBCCACAAAACBCBAABCAAAAAABCBCCCBCAAABBCBACAABACBBBCABACCCBCCABCCACCBBCABBABCBAABACABCCCCCBCACBABCBBAABAAABBCBBBBCBBBABBAACBCBCBABBAACAABBACBABBACBAAABBAACCCABBABABACAABAACAAAABCAAABACBBBCCAACBCCBBBBCBCBCAABBCBCBABCBABCACACCAACCCACCBACBBABABBCBABCCBBAACCCCCAABBACCBCAACBABAAACAABBAACABBCCAACBBBCBAACABBAAABAACBBABBBCAACCCACCBABCBCCBCCCCBCBABACBAACBBACAACBCBCCBBBABCCCABCCCAABABBACBBCBBAABCBBBBBABAAAABBCBCACABCBCAAABBAABAABCBBBACACCCABCACBAACBCACAACCABBACAACCAABBBCCBCABBBABCCAABCCBABAABCBABCACCAABACACBAACCCCCCCCBCAAAAABCCBBCCCBBCACAACBABAACABCCAACBBACCAAACACCCACCBBABCBCACCACBAACCABBBABCCCACCACBBAAABBBCCCBCCCACABAAACBAACCACBCBBABACCAAAACCBCCABBACAABBACACAABCABACACBACAACACCBAACCCCBCCACCCCABCABACBCAAAABBAAABABCACCAABBCBCAABBACCABAACBCCAACABABCCACCAABACAABCBBAACBBCBBBBCCABCCAACCACBAACCCBCCABBCCCCBBABBBCAACBBAABCBBABABACCBBCAAACBABACCCCCAAAABACCBACABBACABCCBAABACBAABAAACBCBCCBACAACCBAAABCABCCCBCBCACCAABCBABBBCACCBBBABACCBAABCCACCBBAAABACABACBCAAAACCBBCBCCBBCBCACACBACBCABBBBBCACAACCAACBCAAACCBCACBBBCACBACCBCAABCCCCCCACCBCCCCAACABBCCBACAACCCCBBCACCCBCABBBCCBCACABCCBAABCBCBCBAACBBACCAAACBCCBCBCBACABBBCBCBCACBACCCABCAABAAABAABCBBBABCABACCBAAAABCAACCBCBABBBBCBBCABCABACACAAAACBBACBBBABCCBBCBAACACBBBACABBBBACCBACBACBABABCCAACCBCABBCCBBCCCBCACCABBABCABCAACABBBACBAAAACCCBBCBAACBABABAACAABCBCBCBCAACCABAAAACAACAACACCCAAACCCCBABCBBCCABCBAAABABACBCBACBCABABCBAABAACBABBBBABCCAACCACBABAAAACBCABABAAACBCAACABCCBAACBBACBCCABCBCBCCCBBBBACBACCACBABBBBBCCAABCAAABCABCBAABCBBCABCCCAAAABAABCBCAACAAAAACBBBBBCCABBBABCAACBBACABCCAABCAAAAAAAACCCCBBAABCCACACACCACAACAACACBCBACBAAAABBBCBAABAABCAACACACBABCCABACCCCCABBCACCCABBCCACCCAACABBBCAAAAACCBACCCBBBAAAAACCABCBCBABCBBBCAAABACCBBAAABABCAAACBBAAABCBCABACBBCCABBCAACBABCBABABCBBCAACCABBAACABCABBBBACCAAAAABAACBCCCCABCCBBAAABBCBCCBCABBCACBBAAABCACACBABABCCABCCCCBCCCCCCACBBAABACBCACBBCBBABACBCBAABCBCBBCBBCABCCCBACBCCAABCACACBCCBCBACBCABCAAAACACCBACCCCBBACCCBBCCCCAACABAACCACAABAABABCAAABCCABABAAAABBAAACABCACBBCCBBABBBBCCCBBACCACAAABABBBABAACBCBABCACAABCCCAABBACCBBAAAABACBACBBBACBCBCAACCCABAACBBACCCACCBACBBCCAABCABBCCCABCBABBCCAABBAAAABCCBCCBABCBACCCBACCBBCBACBCCCCACBCCAABBCBBCCCAACACBCABAAABABBCCCCCAABABAAAABCBCAACCABCBAABCCCCCBCABAACBACBABABCBABAABBABACACABBBCAAABABAACACAACBBAAAACABCBCCCACAABACABBABABBABACABBAAABCAABAAAABABBACCBAACABBBABBBCCACCABCBABCCBAAACAABCAABBBBACBCBACCBCBACCCBBBACCAACCCCCACBAABBCBAAACBBBBACABCABACACABBBBCCACBACACBAACACBACCAABAAACBACACAABCCAACBBCAABCCABABBCCAABCCAAACCCABCACCCCBACCABCBAACCBCCACAABBCBCBCAACBCABCBABACBCBBBCACACAABCAACBBAABCBBCAABACBACABACCBCCABBAAABCABABAACAACCBCCBABBCCBCCAABBCAAABCBCCACCBCACABCCAABCCCCAABACAAACAAAABCCAABABCACBCAABBAACBAAAABCCBBABAACCBCCCACABBACBBBCCBCABBCCBCCACACBACBACBACBBACABCAACCBACBBCBCACBBBBAACACAACCAAAAACACABCBCABAACBABBABACBCBACBACABBABBABACCABBACAABACBABAAABCACBBAAAABACAACACABCBACCAACBCBAAABBCBBACCAAABCBCCCBACCCBACBCBBACCCACCBBBCBAACAACBCBACACCCAAABABCBBBCCBACBCCCABABBCBCAACCCBAABBABCCACBCAACBABCBABAACCACBACCBABAACBAAAACACAABBACCABAACABBCAAACAABABABBCBCABCBABABACCACCBCAACBBACBAACCCBBCCBABCBBABCCBBACBBABABACCACCCBBBCAAABABABBBCAACAACAACAACBAACCABBABAAABCBBAABACBBACABABBABABBCCAAABBAABCAABACCAACBBBACCBACACBBAAAACBACBCCBABACBCBCABAACCCACCBAACABCABBCBBBCACAACBABAABBABACCAAAAAAABCCABCCBBAABCBACACBABABBCCCCCABAAABBAAACBCACBCCBAAAAAAABBBBCAACBBACCCABACAABCACBBBBABAACCCBACCACAACCACBCCCACCCBBAAAABBCBAAAABBBAABACCBABABCABBBBAACBBBBCCAABCABBBCAACAABBBAACCBCBCACCBACAABABABABCCCABBCBCBACBAACABBABBACAACACBBCAACCCBACCAACBCBCAABACCCCBCCBBBAABBACACABBBACACABCABABCAACAAABABABACBBCACCACAAAACBBBAACCBACCABBCBAACABCACBCACAAACACAAACBCCCABCBBAABAACBCCCACBCBBBBABBCACCABBAABAAACBCCBABCBAABBABCBCACCACAAABCBCCABABAACABAABBBACBBAACACABBACBABABBABABBABCCBCBACBABBBCCCAABAACCBCBBACACBBAABACCCBABABCCBBACABBABBBABABAACCCABBCACCBAABABBCBBACCACCBCCBABBACABCCAACAABACABCABCBABAAAAABCACCBCBBCCBABABCBCCAAAACBABABAABBCCCBACAABACCAACBCCBCCBACBCAABBCABCABABABBCBCCAACCAAAABACBAACABACBAABACBACCAAAABCACAABBCCBBBCBCABACCCCCAABCCAABAACBCBBACBAABCCCBABBBBAABCBACCACBACACCACCBCBCBBCBBAAABCCAACCBCBBACCBBCBBCCCBACCBCABBCCBBBCCCAACCBCCBABBCBCACBCABCCABBCCCABCABAAACCABBABBCAACAABCBBBCABCACCABBAABCBBBCBAAACCAACABCCCCBCCBCAACAAABCBCCBCCCAABCBBBBABAABABACAAACCCBAAAACCABBCAAAABCCCCABAABCBCCCCBCBABBACBBBCCAAACABCBCBCCCCACCABCCBBBCBCCCCCCCCCABBABAAACBBAAAABCAAAABBBACCCAAABCCBCBCCBBCCCBABBACCACBCCACBABCBABBCBBCAABBBCCAAAABCBBACCABBBBCCCCBBBAACBABBABBCBCABCBBABAABBCCBCAACCBBABAACCCBBAAAAAAACCCCACAACBBABABACACCACBABCAAACBACABBABAACBABBABCBCBABBCCCAAAAABCACBBABCCBACCCCABABCCBACCBCBBBCACCBBCCACCCCBACCAABBCACBBBCBBCCCBBABBCCBACBCACCACABBCBBCABCACBCACCCAABBCCCCCCACCCBCCBACBBBCACBBBAACCBBBACACCAABACBABAACCABACCAABBACBCBAACABCACCCBCACBACCBACABCCCBABAACACCBCACAAAABCAABBCAACBCCCACABBCBACCBACCAAAACCCBBBACACBCBCABBBCBBBBCAABABCCABAACABABABAABCCCBCCCBBCCACCBBCCAAACACABCCCCABCABCCACAACBBACACBACCABAACBBACCCCBBABBCCCABCCABBBABCCCBCCACCCBCBCABACBACCCABAACBAAAABABAABBACCAAAABBABBAACCACCCCCBCAABBCCAABCAACBBACBBABBBBBCCACCBCBBBCAAAACCCCBCBBCACBABBBABBBCCABABBCBBBABCBBCCCBCBAAABBBBCACBCAAACCBCCCBCBAAABBABCCCCACCABCABBBCAAAABABBCBAABCAAABCCBCAACCCACBBBACBACACABACACCAACABBACBCCBCBBCBBABBBAAAACCCCBCABCCBBBBCBBAABACCBCBBABABCAAAABAABABCCBBBBABABAABBABBACCCBCBCBBACBCABACACCBACAAACBBABCBACAABBBABCAAACBABCAAAACAACCACCAAABCCBCBCAABBCBBBABBCCBBAAAABAACBAACAACABCBCBAACCCACBABAABBABBABACBACBBBACCBBBBCCCAABBABBCACACBCBABAAABACBBACBCBACCABAAACCACBCCAACBCBACCBACABBCCAAABABBACAABBCCACABABACCABABCAAAABCAAAACBAACABACCABAACACCBCAACBCACCACCACACAACBAABBCAACCAACAABAACCBCCCBABABACCCABABBCBAABCBCCBBAAABACBCCCBCABBACBACCABBBCABBACCAABBBABCCBABAABBBCBACBCBACCACABACBBCCBCABBACABACBBABACABCAAACBAACBAACBACAABACBCAABCAAACBCABBACCAAAAAAAAABACACBBABBCABCBABAACABABABACAACACBACCABABBABAACBBABCCCACCCCBCBABAACABAAAABBACCACCBAACABCCACCBCCAACBAACCCBBCABACBBBBBBBCACBBCCBAACCCCCCCABBCCCBCCCBBBBCBBABABAAACCBBAACACCBABBBBAACAAACACACCCBACBBCCCABAABAACBCBCBBACBACBAAAACCBACBAABCBBCCBABAABCAAAACAAABACAABBBBCCAAACBBBAACCAAAACBAAABCCAAACCABBBBCACACCCBABCAABCBBBAACBBABBCBABCCACABBCAACBBBBAABBBABACCBCCAAAACCCCACABCBCAABCABBAABBBCACCBBCCACBAABABCABCCBBAAABABAAACBCBCBACBCCBCBACABBCCBBAABCAAACAABAACBBBCCBCCBBAACBABBCBCABAAAABACAAABCBCACBCBAABCBACAABCCABACACAABAACBABABBACCCBBBABACABBCCAABACCBCCBBBACCBBACCBBCBCCBCCAACBABAACBBCCBABACBBAABCBAACACBAACCBCCBCBAACBBBBBAAAAAAABBBCCBCABCCBACBCACCBBBABABBCBACBAACBBCCCCCCAAABABABBCAACABABBBCBBCAACBBCBCCACACABBACBABCBBCCBBBBCBACCABCCBBCCBACACACACBCACBBBBACCCBBCCCCCABCCBABBCACAACBACAACBBCCAAABACABCCACCAABBBBBCCCAACBBAABAACCAACCAACACACCAACCCBABCBCBCABACACBCAAAABBBBCBBCBACACCCAACCABABBCBABBBAACCCBBCCCACCBAAACACCCCBBCCCACCCAAAAAAACCCCABABACABBCCBBBBACAAACABCABAACACAAACCCBCBCCABCABBABBCCBBCBCABCCABACAABABCBCCABABCBBABBBACACBAABBCABCACAACBACCCBCCBACCCAACCCBCAAAACBABCCCABBBBBAAACABCBBBABCBCACBCBABCCCBBBBACBAACBAACBABABABCCCABACBBBCBBABCCBABACCAACAACAABAAACBBBCAACCCCCCABCAAABBBABAABABBABBBBACCCCABAACACABBCACABCBBBACBACBBAABCCCAAACCCACACCABACBAACCAAACABCBCBCABCABCABCACABBAACCCBBABCABBBCAABAACCAAACCABCABABABBCAACCCACCBCBABBBBBABAACABAAAABCAACBBCCBACACCACABCBBABCBCBBCCAACCACBBCBCCABCBBAACBBCABBCCCBACABCCAACABBABABBBABBBABABABBBACBCCBBACBCAABCCBBACCAABBCCBAABCACBCBABBACACBCCAAAABAACACBBBABBBCCBCCBACCBCCBCBCABBBAABACBAABCACBACCBBACCACBCBCCACBBAAABBCCCBABACBAABACBCCCBBAACAAABBCBBBCCCCCCCCCCAACABACCBBCACBACACACBCCCCAABCABABBABAACCABCBBCCABCCACAAAABAACAABABCBBBABBCCBCACBBCACCCBCBCCACBCBBBBCBBCCCABACCCBBCACCCCBCCAACABABBBCAAACCABBBBCAACCCAAACBBBAACBCACCBBABBBABCCCCCCCCACABABBBABAACAACABAAABCCBBCACCABCBACACBBCCCACAAABBCCACBAAAAAAAAAABCABAAAAAAABCACCBAACCBAABAAACBAACBCBBCACCAACCCBABBCCABACBBBBCABBBCBBCABACCBABCCBBABBCBBCBBABBAABCACCBCBABBBBABAACABBBCCBACBCAAACCBABBABABBACBACCACAABBAABAACABBCCCACAACBACBABCCCACCAABBACCBAACCABBCBAABCCBABACBCBAAACCCBCAABCABCAACBCBACBBACBBACAACCBBBCBCCCBBBCBACCBACABAABACACCAABCBCBBABAACBCAABABAABBBBCBCABBABACBAAACBAACCACBCACABABBCACACCACAAABCCCCBBCAABABCCACAABBACCCCCCCCABACAABABBBBBCABCBCCACACCACBCACCBCCCACCBCBBBCACACCBCBCBAACCBCAABBCBAABBBABBAABBACAACCAAAACCCBCBCBBCABBBBABAAACAAACBBCBBABBACCCCABCACCABABCABBAABBCABCAABBCBBBACAABABABACABABCBACBCCBBACABBBACCCAAAABCBBCACCCBCCCBAAAACCCBACABABACACCCCBCBBCCCACCBBCABCBBCBCBACBCCCCBCBBCBCAABBCAABABCABAAABABCBBACBAACBCBBCBACCBBABBCAACACBACCACBBAAACAABCCCBABCABAAAACBBACBCCCBBCBABCBBCAAACBABBACABAAABBABCBBBCABCACBBACACABCBBBCACCABABBCBBBAABBCBCAABABABAACBAABAABBACAACAAAAACCCCBCACBCBABCCCBABABBAACBABBBABCBBABCBACBACCBAAACABAACBBBAAABABBABCCCBACABABBCBCBBABACBACCAABCBCABCAAACACABBCCAAACCBABAACBCABBBBACAACBCBAABBAACBCAACBBAAAACACCACBAACCBBCBAAAABAAACABCBBCCCAAABCCAACACACBBAACBCCBBBACCBAACBBBBAACBBBACBCABACAACAABABCCACABBBABCBABACBCCBABCCACCCBBBABAABAACBAAACBAAAAABBCCABBCAABBABABABCCAAAAACACCCBCACCBBBCAABABCAACBCCBABCCCCCCCCABCBCBBBBCACBACCBABBBACAABCABCBBCCCCABCACBBBABBCCCBBCAAABBCCBCBBCABAACCABCAABABAACBCCABBCABBCBABACBABCABCCACCACBCBABCABBBAABCBABCCCABACCABABCCCABAABCABBBACBBCCBACBACBACAACBCABACABACBACBCAABAACCBABABBACAABBBBCCCAAABABBCBCBBBBCBCBABCACCABAAABBCBBACBCAAABABBCCCABAABACBCBBAACBABBBAABACCAACBBACBAABCABCBABAAABCBCABACBBBAAAABBAACACBAACCBBCCBCCBCBBCACBACCABBBACBCCCCAABCBCBABBBABBBCBBCBAABCBCCBBBCACAAACACABCCCBABBAABBACCBCCCBBCBBACBABCACCAACCCABBBABACCCCAABCBABCCABCCBABABACAABCAACACACCAABBCABCCBCCCBAAABCACBBBCCCAAAAABBAABBBCCACCACAACBBCBBACCCAACCAACCCACCAACACCABCACBCBBBACBCCACBACBBBBABBCCCBBAAAAACCABBCACBABABBAAABACCACACBAABBBACCAAACBBACACCCACCCBBACACABCCACACABACBCCACAABAACABCACCABBBACAACACAAAAACABACACCCCCAABBAAABBCBACCABBCACABCACABCCBCCACBACCAABAACCBAAABBABABABCBCABACCCCACCCCAAABAABACBCABBBBACBABCBABAACAAAABCBBABCACBBCACCBCBCAACBBACBBCACCBCCAABABABBABCCABBBBCBACACBCBBBBBACACBABBCBBABABACABACACBBBAAAABCAABABCAACBABBABACCBCAAABCACBBCACCBCBCBCBACBCCACABCAABCBBCACACCCAAABBBBABACCABBBCCBBBABBBABAABAAACCABACBABAACBABCBCCCABCBBACBBCCAACCBBABBBCBBABCCCCCBABAAAABCCABABABCABCACBACBAABCAACCABACBCBACBABBCBBCAACCCACAABCABCCABCACABCAAABBCBABACAACCBCCCCBCACCACACBCABCACCABBCCCACABBAAABBCCBABBAACCBBCACACBAABAAABCACAAAABBACABCBBABCACAAACCBCABBCAAABCAAACACAACABBAAACBBCACCBBCCABCCBBBCACAABCCABBCCAAACAACBABABAAACABAACACCCCAAACABCBBBACBACACACCAACCBABCCBABBCCBCBCAAABAABCBAABCABCCBCBAABCAAAACCBABBCABABBBCAABABBABABCCBBBCBABABCAACBACCABABCABCCBCABBCCBCAAABACCBBBABBABAABCCCABBABABCBBABCCBACCAACCAAABABCCABCABACACCACBCCAAABBCCCAABAACCAAACABBABAAAACBBABABBACCBBBAABCACABCBABBACAACBABBBBBCBCCCCACCABCCBCCACBBACBCBBACBCCBACACCABBAAACBCCACABBACCCABBCBAACBBABBACCBBBCCABACCCABABCABCCCCBCCCBCAAACBACCBABCACBAAABBCBBBCCCBBAAACABBCBCAACBCCAACCACBCACAACBAACAABACAACAABCBBBCCBCABBABAACACCACABCAAABCBCCCABCBBBCCAACAAABBCABCAABAACBABBCBABAACAACAABBAAAAABCABAAAACCCABACCCBBBCCACACBAAACCCCBBAABCABBBAACCCCAABABBACAACBCBBBACCACAACABACACCBCCBBCBBACBBCAAAACBCCBBCCCCBCBAAAABBAACBBCAAABCACCBCAAAACCAAAACCCBAAAABBABABCCACBABBABABCCAAABBBBBBBBCBBCCCCCACCBCCACCACAAACCABABCBAACABAACBACABACAABCABABAACCBABCBBCACABCCABCBABAACBCBBBABABABBABABACCCBABABACBCBBACAACBCBACBCACBCCAAABCBABCABBBABCABBBABCBCCCAABBBABBBCCCCBBCBBBAABBABACCCCCBBABBBCAABCCBBBCBBCBAAACCCAABBCCCBCBCCCCBCBACCCCACCBBAACAACCCBBCACCBBAACABBBCABACBCBABCCBCCBBBBABACBBACBBBCBACBABCBAACBBCBBBABBABCCBABBCABABBBABBCBBBCABABCCACACABABCACACAAAACCACCABACCBABABBCACCCAAAAABBAACCAAACACBBCCBAAACCABAAABCCBBBCCCABCCBCCBCBCAABAAAAAABACCAAABBBACAAAABABCCBAAACABBCCCCCBCBBBABCCAAACCBACCABCABBBBBBBAACAABACBAACAAABACBACAAAAACBBCCCCAAACBBCACAABBABCCCBACCCBCBCBBAACBCABBCCBAABACCBBCABCCABCAABABBBCCCCBBBCABACACBCABCCABBCABBCCCBCCAAAAABCBBABAAACABCBCCACCABABCACBACCABBBBBACCCAACCABABACCCAABCBCAABCCBAAACCABCACABABAAABCACCBAAABCABACCABCBABBCACCBCAAABAAABBAACCCABABAAACAAAABCACCBACCABBBBCAABABBBCBABBACBBAACCBBBBCCAABAABBACABAACCBABCBACBCABACBBCBABCCBAACCBCCCBBBCABABACBBCCABCAABAABBAAABAABCACBBABAACBBCCCBBABBCBBBACAAACBCCCCCBACBBABBBCBBCBACACCAABBBAAACCBCBAAABACCBCBACBBCABCAACBABBABCBBBAAABAACABCCBAAABCBBAABCBCAABAACBBBBAAACABABCAAAAACBBBCBBBACACAABCBAABCACCCBACAAABCACCCBCABBAACCBCCACCCABCACCBABAAABACACABACCBACBACCACBABCABBCCBACCCCAABAABBAACBCCBCBAAAAAABBCBABABCBCCCCCABAAACBAAACCAABBACCACBCCACCBAABCCACABACCCABACACCBABACAABCABBABCCABBBBCCAABBACAABABCCBACBAAACACBACAACCAACCABAABACBCACAACBCBBBBABABCBABACACBBABBCBAAABAAAABAAABBCABAACBCBBBBCABAACBCAAACACBBABAAAACBABBACACACBBBCCCCACCCABCCCCCCACABCBBAACCBCBBABBACBABCCBCABCBACBCACBCAAABACBCCCCAACACCCCABABACBABCBCCBCCABCACBBBBCCCCACCBBAAAABBCBACACBAAABBCCBBAACBAAACCCCBBABCCCBACBCACACAACBBABAAABAACCABBBCBBAACCACCABACAACACAABCBBBAACACCAAAABBBBBBBCCACCABBCCBABBBBCCBBABABCCACBBACABAACCABACCBBACCBCCCBBACACABBACABBBCAABACAAACBACACACBCBBBAAACBCBBBCCAAACBABBBACBBBCBAAABBACACABACBAABACBAABABAACCBCCBCCABBABCBBCCBCCABBACBAAACCBACCACABBBBAAACBCBABABCAABBBBACBAAAACCBACABBBBBACBCBBCCCBCACABABBACBAAACBCACCABACBACABABABCBBCBBBAAACBBABCCACBACACACCBACBCBBBAACCCBBCBBCABCACBBBAAABABABCBBACBBCCCCBABCCBBBBCBBCBBABCBBACCCAAACCCBCBBABBCBCCCBBBBAAABAAAABAAABBCBBAACBBCCBAABBAABCABCBACBBBAACCAACBCBAAAACCAABABBBCCAACBCCBBABCCCBCCABBBBACCBCAACBABCAACCCCCACAABBCCCBABBBBCBCACCBCCACBBBCCCBCCCCBCABCBAACBAACBBAAACAABCCBBACBCABABBACCBCAACACCBCBACAAABBCBCAABAAACCAAABBBCBACBBBACBCCABBBABCCAABBCACBCCCCCABBACBBBBCACACBCAABCAAABACAABBBBBAACCBCBABAACBABBAABCACCBBCABBCABABBACCABCCBCABBACBBBAACAABACACACBBABCBBACCBBCCCBAABCCACBAACBACBCBBACBCCBACACABBCBCCBCCAABCACCCBBCACAACCBCCCCBCABCCBBCACCACBBBCBACBBCCCBABBBBBAACAACABBBABCCCACAABACCBCCBBBBCBABBACABCACAABCAABABBCCBABCCCAABCABABACABAACACCBBBABBACACBBCACABBBCCCBAAABCCBBABCCBCBCBAAAABCCBBACAAAAABAACCCCCBBCAAAACABCBCCBACBABBBBAAAACCCBACACCAABBCCACCAABCBBABCBBACCABCACCBBBBACAAABBABCAAAAAACCBBBBABCCBACCBAAACCCABAABBABABACBACBBBACBCABBBBAABAAACCBBACBBAABBBCAABAAACACBCCBACBBCAABAAACCCBBCCABBCBABCAACCBBABCCBBABABBAACBBAABACBACAACCBCABCCCCCACCAAABCCBAABBBBAABCBAABCCBBBABBBCABAAABBCAACAABABBCCBBCBACAACCABBCBBCBABBBBCACCAACACCBAACCABCBCACCBBAABAACAABCBBCBCCBACCABCBCACAAAACAAAAAABABABAABBCCAABBCBABCBCCCCBACCACACACBBCCAAABABACBCCBBABBABBACABABAABCABCCBBBBCACBBCBBABCBBACBCAABCACAABBBACAACBABCCBACABBACAABCCBABBAABCBBBCABCABCCBCACCBACACABCCABBCAAABACCBBCCBBAAABCCCACBBAABABBBBCCBCCBBBACCBBBBBCCACCCBCAABBCBBBCAAACAAACBABCABBABABBBBCCACACCCAACABACCCABACABBABAAACBCAABBCCABCACACACABBBACBCCCBACBAACCCBBBBBCABBACCAAACACBCACACCABBCCCCBCBABBBCBCCCBABABAACBBBACCCCACCACCBBBBABAACCACABCBABABBCABCBABBBBCCCCBABCBCCCAABBBCCCBACACAACCAAAAAACACCACBAAABBCACABBABACBBCBCACBBACACBCCAACBBABCACABACBCBBCBAABCCAABBCBCACBAABBCBBABCBBBCACAACCABABBBBBABCBBACBAACBACCCBCBCCACAAABBBCCCBBCAAABCBCBBBBAAAAACAABCAABCACCBCABABAACCCBBBBCACAAAACCCAABBBAAAACCACCBACBACAABBAAAABBBCCBCABAAABAABBBABCAAAACBAAAAACBBAACBBCCCCBABAACABBCACAACCACBCAABABBABBCCBABBBBACBACACCBCACCBAAACCCACBBAABACBABBBBABBBACBCBBBBCBBABACACCCBCACAAACACACCAACABCCCCBBCACACCBCABBCAAACACACBACBACBACCCCABACABBCBCCABBAAAAAACCBBACABCACBCCABCCABBCACBAACACCBCBACBCCCCABCBABBACCCCBBAAAAACBABAACCCBAAACBBABACABAACBABBACBBBACABBACBCBBACBACBCBBCCBCBACACACBBAABCBBABBBCBABAABAACCBABACBBCBCAAAAACCABBCCBCAABCBAABBCACCABAABCCCCACCAACCBBACBABCABBCABBACCBCACABCCBABCAABCBBABBAAAAACAAAABBCBBBBBBCCABBCCCACACBCABCBAACCBCAAACAACACBBCACBBCCBCACCBACAABABABCCACCCBCBCAABBABBCCBCBBBBABCBABBACCBBCBCCABACCABACBCBBACBBCBBCCACACBBBCCBCCCBBAABACCACBBCAAACBCCBAACACAABBBAAABCACABACACACBBCCCCBBCBBACABACCBBCCABABAAAABACAABABBBBBABCACBCBABBAABCAACAAABBBCABBAABBAAAACBCACCAACBCACACCAAACCCCCCABCCABCCCCACCCCABCBAACCBBACBCAABBABACBACACABBCACACCACACCBCBCBBBBBCBBCABBCAABBACCCCAABCCBBAABBCBCCACACCAABABAABCCAACAAAAABABCBACCAACABABBABCCBCAAACBAABBACBCAABABABCABACCBAABABBCCABACCBBACBCAABCCCBBCABABCABCCACACACAACBCABCBAAABCBCBAACAAAAAAACBCABACBCBCCACCBCBABCCABCACBBAAAABCCCAABBBCAAABCABACCBACBBAAAAACAAABCBACCCBCACBBAACCBCCCCCCBACBABCBCACACACCCACCCBBCABBAABABBAABBCCCAABCCCACCABAACBCBACAABABCBABCACCAACACACCCABCAABBAABCBBAACBBBCCCCBAACAACABABAAAABACBACACBBCAAABCAACABBBACACCCCBCCACAAABCACBCACAAABBCCBBABBACACCBBABBABBBACBBCBBCCCCCCAACACBBCAACABCACCBBBAACBACBBACBBBCCBBAAACBBABBBBABABBBCCCCCCCBCCCCCACBABBCBBCACCAAACBABACCAAAACBCCACAABBACCCACABCCCBAACCBBBBABACACACCBBAAABCCBBABACCAAABCCACABBBBCCCBCACCBAACBBCCBACCCACBBBAABCBCBBCCABABBAABAABCCABAAACCABBABACCCBCBBBBCCCACBCABCABBBBCAACBCAACBACABAACCBACBACCABACCCCBAAAABBACBBBBBBBACBBCCBCCBBCCBBBAAAABBBBCABBCABAAACBBBCCBCCCBABBACCCCBBBCCACCABBCACBCAACACABBBCBCABCCAAACBCBABAACAABCCBCCCBBBBCAABCCACCBABBABAACCAABAAACBCBCCABCBCCCABBACAACCBCABAABCCACBCCABBBABBBCBACAAAAAABAABCABABAABCACCACACCACBAAABCABCBBAAACABACAACCAACBBCBCCBACBBBACCBCBCABABBBBCBABBACBCACAABBBACACBABBCABACABBCAABACBABBCCBBCACACBCCBACCCBBCAACAACBACAACACCCBACACBCBAABBBCBAAACCAAAAAACABBCACACCBACABCCAABCBAACCAAABCCAABACCCBACBCBBCACCBCCBABCBABBAABCACACCBBBBAACCABBCACCCCCBBBCACACCAABCABABAACCCCABACCABAACABBCCACAABACBBBACCBBBABBCBCABBCCABCCACCCCCCCCBACACBACBAAAACBACAACCCACCABACABBCCCBCACAACCCACBAAACAABAAAAABBBBCBBABBBCBBACCBBCCCAAACCCBAACAAAACBCCACCCBACBBAAACBAACACBCBBCBABACABBBBBCAACBABBCAACCABBBBAABBCCBACBCCACBCCBAABCCABBAABCCCCCBBACCBBBCCABBCACACCBABBCCBBAAACBCCBCBBCAABBCBBACBABCACCCCBBCBCBCBCBCCBBCABCABBCCBCACACAACCCABAABCBCCABBBCBBBBBCCABCCAABACBAAAACABCBCBABCCCCBBCBBBBABBABBCAACCAAAAABCACCBBBBCABBACBCAACCCBACACABCBBBCCAACCCBACBACAAAACBBCBCCCBBBABCACCABCACAACACABBBBACACACCBAACAABBCCBACAACAACCACACCBBBCCBBCCBCCAABCCBBAAAAACCBBACBCCAACACCACBABBBBBCCBACCBBBCCCCACACCCABCBCCAABBBAABBCACACAAACACAAAAAAACCCCABBAACACACCBACACABABCACAABCCBCCABCCCBACCBCBCACBABABBACBCBAABCBCBBBBAAACCBCBABABCACBABCBACCBCABBCBABBCBBABABABBBBBCABBCACBCCCABACAAABBABABACABCCAAACBACCACACBACBBACCBABACAACCAACCCABAAAACBCCCACACBCCCCACBCBCABCCACBABCBACBACBBCCABCAAACACCABCCCBCCACAAACBCCBABAABBCCBABAACCCAABCCABBAACBCBBBABCACCBABCBBCAABABBBCBAABCCCCAAAABAACACCABACBACACACBACCCCBCCBABCBBBACCCBBABABAACAACCCCBCBCBBBCABACAABBBBABBBCABCACBBCABCAAACBAABAACBCCBCBAACAACCACBBCBCCCBAABCABBAACACCACBCAAABACCBBABBBABACCBCAABCBACAABACABABCACBABBCAAACBACBBCCCBCACCABBABCAAABBACCABACBCBAABCACCCABCAABBACBBAACAABAABABCCACBCBABBCCABBABCCBABCCCBBCABACAABCACCCABCCABACBCBCACACCCABCCACAABCCBBBAACCAACACBBBAABBBABBAACCBAACBABABBCCBACABBBCAACCBBAABBBAACABCBCAABABABAAACCBABCCBAAABBABABCCBCCCCCCBCCACCBCCCCAACBCABABCCBBAACBCAACAACCCACBBAAACABABAABCCCCBCCCCBCCBCAAAABCCAAAAACCBCCBBBBCACABCABBAAABCCBCBBAABAACCCBCCABBCABACBBBBBABACCCABAABAAABCCACBABBBABACACABCAACABAACCCBCCCCACCBCBCCBCCCCACAABBCBCCCBBBCABBBACAAABBABCAABCBACCABABBACBBAAAAACABBBBBCBACACCBCABCBCCACCACBABCABBBAAAAACCAABABBCCCAABBAACCBAABBABABCCCCACABBCABBCACACCBCBCCBAABBABCBABCAACCABACBCABBAACCABCCBCABBACBACCBBCBABBCABBABAABCCCACBBABABCBBCAAABABCACCCCCACACACABCACBCCBBBABAAABAAABACCBBBCACCBACCCCCBCBBBCBBCCBABABACBAAABBBCCABCCACABBCBAABBACACAABAABCBBBBCABBBAABCAACCBACCCCAAABAABAACABBBAAAABAAABBBBBAABAACACABCCCABCCCBBBBACBBBCABACABABBACCAACCBCCACCCABCCABBBACACCCABBCACBBBCBCAAAABCCAABAABCAACABBBAABBAACBCCCBAAABBBAABABABBBAACACAABABCACBABBCABBCBBABCABACAAABBCCABCBCBBACACBCBBACBACCBCACBCBCACAAACAACABBABCACABCBBBCBABAAAACCAACBCCCBAACBAAABCCBACBCABCCCCCCCBCCBCBABBBAACABBABBCBCACBACABABCBAABCCBAABCBBAABAAAAABCCBBAABAABABCACCCCCCBBBCCCABAAACBABCBBCCCACACAACCCCACABAABCCBCCACACBBABABABCAACAABACCAABACACAACBCACBBBCCCACACCACABAACABBACCBCBCBBBCBABBCCCBBCABCBCCCACCCBBABABCCBCABCABBBCBBBAACCBCABCABACBBCAACCABBABCCBAAAACBABCBCACBCCCCBBCABAACCCCAACAACCCAACBCCCABCACAAACBBABACCCCAACCCBABACCCBACCCBCCCBCABACBBBBCCCBBABCCAAAAAAACACBCBBBBCABBAACCBBAACABAAAACACBBBBBCACBCABBACACBBCBCBACBCCAACCBBABBCCABCCAABABCBCAACCABABACACBAABCBCCACABCBBBCCCCCAABBBCACBCBACAABCCCBCBCBCAACBAABAAAAACAAACBABBCABACABBBBAAABBABABBBAACCCAABBCCBBBABABACBAABABAAABCACCAABACCCACBACAAACBABCCABACABAAAACAACCBAABABCBBACAACAABCAAACCCAACBACCABBBBBBCBCACBBCBCCACABCCCCACCBBCABABBCBACCAAAACACAABBACCCCCBCBAABACBAAAABBCACBACCAACABBCACCAABACAABCCCCBBBABCCBABBBAABCBBCACBCBCBCBACBAACBABAAAACCBABBCCCBAAABCACAACAACBBABACBABBCABAAAACCCBBCBBBBACACABABBCABAABACCABACAAAACBBBBCAAABABACCCAACBCBBACCABCABABCCABBABABACACABCBBBABCBBBCACBACBCBBACCAACBBCABCAAAAAACABCBBCACABBABCBBCACBACABCBCCABACCAAABCCACAABBBAACBCAACBAAAABBBACBCCCCAAACACCCBAABBAABBAABCCBBBAABCCBBCCBABBCCACACCBCCAABCABCCCABABBCBCBACCBACBABCACAABCAABBCAACBCCCCACBCABCCBBCBACABAAABBCCAAABBCBBCCBBABBCCABBBCCBACBAABBAACCABCBACCCCCABBCCABACAACAAABBABCAABABBBACABABCBABCBABCCCCCCABACCBBABCCCACCCAABAABBACCAACACBBACBCCAABACCAACAABBBABCBCBBAAACACAACBBBBBBAABABBACBBCCCBAABBBBCBBBABAACCBAAAAABBCACBBABBCACBCABCAABABAABABBCACCCABBACCCAAAACAABCBCAAABBCBCAACBACCBBABBBBCABABABBCACBCACACCBBBBBCBBACBACAACACCBBCAACABCCCBBABCAAAACAAAACCAAACBBABBACABABACBAACCAAAABCCBCBBACCBCBCAAACBBAABACBCBCBCACBBABABAAAACCAACCBBBCCABBCABCBACCAABBBCABCBAABAACCABCCCCBCCCCBAABBBBABCCCBCCBBBCBBBBAABCCBABBCCAAAAABABCBACCCCACCCBAACACABAABACBCCBCCCCACBCBBCBBACABCABACCACBBBBBAACBCCACABBBAAACBCAACCBACABCAACABCBBBACCABAACAACBAACCABBBBAAABABAAAACBACCAACCBCBACACCBCAAABBCABAAAABBABCBACBBACBBABBABBBCCBAABBCCABCCBCBBCBACACBABBCAACCCBBACABAABAAABCACAACCBBCBBBAACACACBCCBBCBABCCAAACACBBACBCCBBAABBBAABABCBCCBCACAACCAAACABBABCAAABBAABABCBBCCABBCACCCCACBAACCCABCBCABAAAABABBBAABCCBAACABBBBBCACBCBCCCAAACCBBBCCCBAAAAAAABBAABBCCABBBABAACCAAAACABBABACBCBBCBBCAAACBCAACCBBABBCACBAACCCAACBAABCBBABABCAABBACCBACCCCBAAACACACBACCBBCBAAAABACBBBCCACBABBABCBBCABCBBBACBCCACCABBCCBBCBCCBBCAACCBCCBACABCBAAACCCAABBCBBABBABBCACABCAABACAACABCBBCBBAABCCBACCBCABABAABBCACACABABBABBCCABABBBBACAAAABCBAABBAABBBAABCBABBACAABACABAACAABCBAAACBCBBBCAABBBCCABCCBCACACCCABAAAABCCAACBCCBCCBBBCBBBBBAABCACCAABBAACABAAAACCCABBBCABCACCAAACCACABAABCCAACBAAABCCCBCBABAABABCABCABABBAABCACACBBCAABBCABBAAAACBACAAAABACBBBCCAABBBBAABCCAABCBCBBAACACBBACBABCAACBAACAABBBCCACBABCACAACCABBABBCBABBAACCAACBACACCCCBABBBBCCCBCABCBABACBBBBBBCCCAABBABABBBBACAABBBCBABBCCCCBCBCCBAABCBBCBBBCCBCBBBAABCAAAAABACCBAAABBABCCCBCACACCBAACBBCABACCBBCAACCABBCCCBCCCBCCABBCACACACBACCABCABCABCACAACAABABBACCBABCBCACBCCAAABBAACCBBAACBBBABABABBAAACAACBBBCACBBABABBAAABAAACABCAACCAAABABCCAAABBCBCBACAAABCABBCABAACBBABACBCBBACCBCACAAACCACABCAACBBABCBBCACBCBAAABBBCCBCABAAACACBBABCBABBACBCCACCACBCCBCBBBBCCACCCCCCACBBBBCBACBBCBBCCBBACAACCBAABBCBCBBBCBABABBBCBAACBCAAAACCBCCAABAACBCBBCACBABCBCAABBBACAACBAAABCABBCAABBCACAABAACCCBACACACAACACBCCABBACBCCBCCACABCBCBACBBCBAAAACBCCBACBCACBAAACCCCBAABCACAABACCCACBABACCACCBACACAABCABBAAABABCAAAAABCABBCBBAABBBBAABAAABACBBAAABBACACBBCBBCCBACABAAAABCBCBBACCBAACCAABABABCBABBBCAACAABCBACBBBACBCABBABACCBBABBACBABAACCBCBBABCAABAACCBBABACBBCAAABBABACCACACAABBBACABBABACCBCAAACBBCABCCCBCCABAACCABCBCBABAAABCABCCBBBBACAABBCAAAAACCCCABAACACACAABCAABBCBCBBCCABCBCBABACCACABABCCACAABBCBACBAAAABCBCBBAACCABBBCCAACCCBAABBBCBCCBCCBACAABBCABCABBBCCCBACCBBCCBBBCCCAACBCCCCBABCABBCABCBACCBCAAABBABABABBBCBABBAABCACCBBBBABBAAAAACCAACBCBAABCABACBBCCABBCABCBCACCBCBABCCACCBACBCAABACCBBAABCABCAABBAAABCAACBAABACACBCCBCABABBCCAAACCBCBCBBBABAAAACAAABCABABBACAABCABCBAABABCCACAAACCBBBCCAABBCABAACBACBBBACCCCBCBABAABABAAACBACCCABBBABCBACAAABBCBCACCCABCBBBABBCBCABCABCCAAACABBBBABBBBACBBCBCBBBBBBBAABCBABAAAABABCAABBBAABACACBAAACCBCBCCCBBAABCACCBBCABBBACBCACBCACABCBCBBCABCBCCACBCABCAAACBABABCCBCABCBBABABCCABAACBAACBCCBBBCCCBCCCCBCCBCBCAACCCCBCCCBBBACCABCBBABACCCABCACBBCAAABCAABCBBBBBCCABCBABBCCACBCBAAACAACBAABAACBBAABABACBAABAAACCAABBCCCCCCACABCCCCBCBACCABACBAACCBBBACCCCCBAAACABBCACCACCAAAABBCCBBABBCCCAABBCBAACCACABACCCABBCBBACCBABABBCAACCCABCCCACBBCABCCCCACCAABCACBCBABABBCABACCBBAACBBAACBACCABACCCBABCACAABCACABBCBCCACCBAAAACCBACBBACBCAACBBCCBACAAACAABABABABABBCCCAAABAACABAACBAABACCCABBCCBCCCAACAAAAAACAABACCCABCCBBABACCBCBABAABABBCBABABCACBCCAAACAAAABBCABCBBBABCAACCBCACAABCCCACBCBCCAACBCCCBACBCCBACABBCAACBBCAAAACAABBAABBBAABBCCCCCBBAACACABBACCCABBBCACCCBCAABBBBCCCCABCACCACBBABBBBABAAABAAABBABCACCCCABBBCCAAABCCCABCABCABCCBBABCBBACBCBABCAAAABAAAACBBCCBCABBAACAABACCAAACAABBBACCBACCBBABCBBACAABCCABBBCCAAABCAAABCCACCBBBCBCABCBCABBABBBAAAACCCCBACBABCCBCCCCAACACBCBCCBCBCABBCCBBBCCABCCABBCCAAABBCCCCBCACABAACACAACCBBBABACABCCACBACACBCBAAABACCAABCCBACBBACBCABBAAACACBCCABCAABBCCAAACBAACBCCBABBBCBBCCBBCACAAAAACABBACCBABBCACBCACACCAABABAAACACACBBBACBCABACCCBCBBCCACCCBCCCBABBCACBCBACBBCCAACCCCBBBBACCCBACBCBAABBBCBBCCBCCCACABBCCAABBCBBABBCAACBCBACBBBBBBACACBBBCCCCBBAAAABBBBACBBCAACBBACABABCAAABBBCBCACACCBBAAACCACBBBCBBBAAAACAABABAAABAAACBCAAACBABABCABCAACCCCBACCCABCBBBBCCBCBACBACBBCCCCACAAAAAABABAAACCCACBCAACBCBBCCACABCCBCBCABBCCABACBBCCCABCBCCCABBACBCBACCBBCCCABABAAACABCACAABBABACBBACCCBBCCCBABCBCAACAAACABBACAABAABCCBAAAAABCABBAAABCCBCBACCAAABACACABACAABCCAACCBACBBBAACACCCAACCCCBACACACACCCCCCAABBAACBBCABCBAAABACBCCABABAABBBBAABAABABBABBBCACBCCBCCBBBBBBCABBBBBABAACCBAAAABABBBBAABACBBABBCBBCCAABCBCACAACABBAAABBCABBCAAAABBAACCCACBABAAABCABCAAAABAACAAAACABBCABBCBCCACAABCCCBBCBBBBAABBBCCBACAACCCCACBAACABABBABBACACCBCCCBABCBCABBBACCAACCAABABACCAAACCBBCCCAACACCCCBABBABBAACBCBCABCACBCBACCBAACBCCCBBBBABBACBCAACBBABBCABACCBBCACCCBCBBBBBCAACABBCBCCABBACACABBCBBCBCCAACABCAACABCCABBCCACBBBBBBACBBABCABACAABCAACBCABAAACACAACABABCCBBACBAABCCBABBBBCAABAAACBCBBBBABCACBCACACBAABCBCBAABCCABCCCBACBCCCBCACBAABBBBBAAABACBCBCCCCBBBBCBABCABABCAACACBBABBBCBABCAACCBACACBABBABABCBCACCABCBBBACCBCACCBCAABCBCCBCCACBBBCBACACAACCBAACBCCCBAABBAABABCBACABCAACBBBBCCBBABBAACAAAACBBBBCBAACBCCCBABCBCBBCBBAABBBCCBBCABBBBAABCAACABBCAAAABCCBBCCBCAACABABAACBAACBCCAACBCABACCAACACBCBAABABABAAAABCACAACACCAABCCCCBAACBAAAAAABBABBCCAABACCCABCABCCCACAAABBCACAAACABAAAABCBACABBACCABABAAABBBCBBBACCCAABAABABBCBBAACBCCBBCACABBACAAACCAAABCBCABCCCAAAABCACBBABCCCAAAAAACBAABBCBCABCAABBCAAABBCBBABBBAAACAABCACBCBACAABABCCBCBBBBCCACCBBCBCBACBBCAAACABBCCBCCCAABCCABBCACACBBAAACABBBABABACCCCBCCBACBCCBABABACBBBAABAAACBCACCCBACBBBCBABACBCBABACBCACACCAACABAAABCCACCAABBCBCBCABBAAAAACBCABCAAABBACCCACACABCCCAAABBCCBBCABBCAABBACBCABCAACACCABCACCBCCCBCAACAAAABCBBBACCCACBAACBBCBAACCAACBABABABCAABCBACBBBCAABABBBBABBCCACBAAACACACCABBBABCCCBBBAABACCCCBABBACBCBBBCBCAACAACACBBAABBABBAABBACABABCCBACBAAAACAAABBAACCBCCBBACACCBACAACAABBBBACBAACBCBCCCBBBCAABCACAAACCBCBBCABBABBBAACCAABAABACBACCBBCCAAACBBBACCCCBCCCCCABCABBBAAAACBBCAABCABACCCCAABACBACCBBCCAABABACCABAABAABBCCACCCBABCABACCBCBABBBABACACCBBACBCBBBCBCABCCCAABBBAACCBACABCCCCBCBCBCBBCBCCCBCABCACBAACCBAAACBCACABAACCAACBCBCCBABABCCCCCBBBBACCBBCCCAAACBCCABAABCBCBCBACBBBCABACBBCBABCCCACBBBCAABBBCACCBBBCCCACCABCABCCAAACBACBCCBBCCACBAAAABBBBCBCBBCCCCBBCBBBCCCBCBACCCBCBACAACBBAACCABAAABACCCBAAABBCBBBACBCCBBCABBCCCBACACACCABCBCBBBACACBACCABBABBABAACAABCAAAACCABBBCCBCCBACCCABACABCCCBACBBCBBCBCBCBBCCCBCCBBAACBBBAACCBBACABBCAACCBBACBCCACBBCBACBABBCABBACABCCBBBBBBBAAAAABAABABCAAACBABCBAABBBCBCBBCAACCBCBABCBABABABAABBCAAACAABCACCBCABABBBBACCABABCCAACABACACBCCBACBCCBCAACCBCABCBCBCABBAAACCBBABBACCACBAABCCBCABCAABBCBBABCCCCCAACCCABBBAAACBCBCABACBAABABCCBBCCCACCBBAAAACCBBCCACABACCBBBCBCCBACAABACBCBAAAAAACBCABABCACBACBCACABBAAAACCCACACBCBACCCACBCACAABACCABACBBAAABACCCBACACABABACABCACACABBCAABBAAAACBACBCCCABBAAAACABBCBBCBBCABBBABBACCACCCAABCAACBAAABBAAACBBBBABACBBBCAACCCBBCABBCCAABBABABBBCCAABCBACABACCAAABBACCABCABCAACABBBCAAABCAAAACCCCAABACACACBBABBCAAACABBCBBCBABCACABBACCABCCBCBBCCCAAAABACBBACBABAACABAAACACCBABCACCABBBBACACCCAAACAABCCABACCCBCBCBCACABCCBACACCACBAABCABAACCCBBCCBCACBCAACCBBCABACCBCCAAAABBCBAAAACCBBAABAABABBCAABACCBAAABCABCACBCABCAACCBBCBCABBACBABAABABACCBBBCCACCCCBBBCACBBBBBCAABCBAABACACACABACACBABCBBCCACBCAABAACBACBCABBCAABCACACAAAAACCBABAACCABCCAABCCACAAABAABCCABBABBABCACBCBCACABACBAAAAABAACABACACBBBAABCACCCBBCCBABABBBCBBCAABBACCAABABCCAABBBABAABACAABBBBCBCBAACCCAAABCBCCBBCACCABCCCACBACACACABCCBBCACBACBCCBACCAACBBCBCCCACCBABBCACAACCCBBCABBCCACCBCACABCCBBCBBCCAAABAAACCCBBBABCABACBABCCCCCACCAAACBBAACABBACBCCAAACABCABAACCBCCCABBACBAABAABBCACCACACBAABBBCBBACABBCCBACBBBCCABBCCBCBCCCBBABABCACCAACCBBAABABCABCBBCABCAACACBAAAACCCABABBABCAACBAACACBAAABAABACCCAABCBACBAABACBBBCBCCABABAACAAACBBCACAACCBCBBCCCCACBCBBCBCCAABBACCBABCBCCBCACBBCBBABCBBBABBCBCABBBCABBACCABCCBCAACABACCCBACAABCCBBBCAACABBACCBABBBBABAAACACAAACCABACBBCCABCCACBBCCBBBCAABABBBCACBCBCCBBCBCAAACCCCCCCACBBABBBAABCCBCCAAABBBABACBCCAAACBCABBCACCABCCAABBCCBBCACBABAABAAABBCACACCCAACACCBACAABACACAABCBAACCACCCACCCBABBACACBCBCBABACACABABABCAACBCBBACCCBACCABCCBBCBCCCCACCCCAAAABACBCAAACCABAABACAACCAAACAAACAAACBBACBCBCCABBAACCBACABCCACABBCCBABCACABCCBACCBABCACCAACCCAAAAABCACCBABAABCBCAAACCBAABCBACCACBCBCCBBBACACCCABCAAABBACBCBCCCBCCBCBBBBCACACACBABAABAABAACBBCCABCCBCABBABBAAABABBBBCBCABBCCBBBBAAABBCBACBCCCABBCCACAACBACCCCCCBBCACCCBAAABBCBCCABBCCABBCAABCAABABCBAACCACCAACCBCCBACABCCABACABCACBCCCACCAABACBBACBBABBBAACBCAABABACCCACCABBACACCBCABCCBCBBCCAABCCBCCACACACBBBCCACAABCACBCCCBBCBACAAAABACCAAAABCAABCBACCCBBAACAACAABBCBBAAABCCCCCCACBABCBBBACBABCAABCBABBBBABBCAACAAABCBBACAABBCACCCCBBCBCBCCACCABCACCBCABACABAABBCABBACAAABCAACBAABAACCBACAAACACBACBBBACBABBACACACABAAABBACCCCBBCACABABBBAACCCCBBAACAABCACCBBCAABBABBABCBABAACCACBCAABBCCAAABBCBBCCBCCCBBCBBABAACCCCBBAACABABABABCBBBBCBCABCCCBBCBBACAAABCABCABCBCAAABACBAAAAACAACCCCABCCCBAACABAACBBACBABCABBACAABBCACBABCACCCACCBCCBABACBABCCCBCBABABCBBCACABABCCAABBACBCCCABABAACABBABABBACCCBBCCCAACBAAACBCCBCCCCABCCBBBCCCCBABBBBABABBCCBCBBABCBABABBCBBCABBABBABABAABACAACCCACCBCCCAAACBCCBAAAACCAABCBCBABCBCBACACBBBBBACACBACCACCABBCBBBCBCCABCCBCAACCACAABBABAAAABCACACBACBCCCCAACBBAABBBABBBACCBBABBBBBCBABCCAACBCBCACBCACBACBABAABBCACCCCBBCCBBBCCBCBACBBCBACCACAACACBACACABBBBABBABACBCBBBABBCCACCCCCABCCCBCCBCBBBCAABCBBAABACBCCABCACABAABBABCCABCABCBCACBAACBCCCBBBBBBBACCCAAAABBCCABBABACBBACCAACCCBBCAAACABBAACCCBBACAABBACCCAAACBBBCBCACACCBAACACCABBBABCBACCCBBBCBABACAACACCBCAABBCCBBCBCBBCAABAABACBCACACABAABBBBCAAACBBCBCBCAABBAABACBBBCAAABCCACCCCCAAABCAABCBACCACAABABBCACCCBCBABBABCBBBBCBCAAACBAABCBAAACCCCBCBAAAACBCCABBBBCCBBCBCBBBACACBBBBCAABACBABABBCBACBBBBBCACCCBCCCBCCACBBACCCBBCCBCACBCCCBCAABBBBBBBACABBCBCBBCBBACCBACCBACBABBABABCAACCCACABABBAABBCABCAACBBBBCAACABBCACAAAABCBBCCCCABABCBACCBABACCCCABBBCBCBBBBAACABBCBCABBCBCBABACABBBBCBBABBCAACBBBAABACBAABCABBACBBCCCBCBBCCCACABABCCBBABCACBBACBBABBCBBCBBCCBBBACACBACBBBCCABCACCABABACCCBBCBAAABACABCBCBAAABABCCCABCCCAABCABBACBCBBAAAACBCCBABBBCABCBABCAACCBAAACCAAACBBABAACBACCCBABBCCCCABABACABACCCBCBBBACABCBCCCCBBCBACBACCCBCBAAACCAACCBCBCAAABAABBAABCABBBCBCACBBBAAACAAABABCACCACBBBCCCBCBBACABAAACAAABBBCCBABCCBCCCCCCABBCCCACACAAACBBCBBBBCBCCBAACBAAACACBBCCABACCACCBBACCBCCCCCABABBCACCBABBBBABAACACCCCABCACCCCBCCAACBABBBCBCBCACBBAAABABBAAABBCBCCBCCACCCCCBCCCAACCCAAAACBBBCCBCCCBCAACABAACCAACAACCCCABABCCBBBABCCACCACCCBCBACACACCABAABBAABCAACCABBBBCBCAABCABAAACBAACAABCABAACCBCBACCBABCCBBBBCBCBBBACCCBCBACCAAACABABCBBACBABACCCBBCAABCCAAABCBACBAABACAABABBBBCACABBCAAACCBBCCACABABABCBCCCABBAABBCCBABBAABBCCABCAACCCABCBCBBBBBBCBBABCBAABCBAAABCACCABBBACBCCAABCBABBACCAABCBAABCBABACBCBCBCCCAABBABCAACBBBABCCACCCCBBACCBABABABABCBACBCBCACBAAAAACBBABBCCBAABAAAACBBAABCBAAACABACBABACCCCABAAAACCBCBABCABBCABCCBCAABBACBCCABCBBABBACBAACBCCCBCAAAABCBCCBABACBCCCAACCABAACBBBABBBCCCCCCBABBCBBBBBBCCACCAAABABCABBBABCACCAABACBBBCCCABCCBCBABBBCABCBBABCCBAAAABBABABBCCCAABACBBAAABCABCBCCCCBCACBAACCCBCABBCAACBCACAACCCCACBCABCBBCBABCCBAABCABCCABACACBBBACAAAABACCBCBBBCCABCABABCCCBCBACCABBCAACCCBACABBBCBBCCBBBBBBBACCAABACBBBAACBCCCAACCAACABACCABABACCCBBBCCBBACBCCAABABABAABBABBBBBCBCAAABCCACCCCAABACBACCBACAACCACAABBCBBACCACBAAAACAABCCCBBAAAAACCACBBCBCBABCBAAAABBBABCACCAABABCCBABBABAABCAAACCCBABBABBBBABBBCAABAABBBABAACBABABBCBCBABAABCBCBBBBBABBCACCAAAABAABCBCBBCCAABBBABCBBCACACCCBABACCBACBBACAAACAABABACBABCCBCBAACAABBBBCBCCCBACBCBBBACABCBCCACBACABABCAAABCBCABCABAAABBCBAACACABBCBCBAABBABABBCAABCCBBCBACBBAABCCBBACCACABAABBBACBBACACCBBAABCCCAABBCBBAABCBCBCAACCABCBABBBABAABCABBBBCCBCCACCABAAABBBBBBBCBBABBAAACCACAAAABBACBBBCBCABACABBAABCCCABCABBACACCCACABABCBBCCCCCCABBBCCCBACAAACCCCCCABACCCBBCCBBCCBCBBAAABCCCCBCCABACAAAABCBBAABCABAAACBABBBCCBCABBBBBAAAAABCAACCCBCACBCABABBAABBCAACBCACBBABAAAACAACBBCABAAAAABAABCCCABACACCBCCABAAACBBCCCCBBABCBCCACAACACBCAAAACAABAABBACABCBCABABABCCCCACCCBACABCBBACCABABAAAACABCCBAABBABCACCCCCCCCACABBBAACBBAAAACCBCBBBCCBAABBAAAACBBBCAABACCABABCCBBCACBBBAABCCAACCCABBCBACCBCCBABCABAABCCCAACABCAACCBABBCCBBCCBABBCBACACCABACACCCBBCCCCCCABCBAACCCABCBACCACCCCCABABBCACBACCABBCCBBAABACABABABBBCCCCBCBBACAABCCCBBBBBBACCCBABBBAABCACCBCACCABBBABCBABBBBBAABCAACBCCBBCABCAABABBACABCCCACCCCBBAAAABBACCBBCBBAAACABBACBCBABBACABCAABCACAABBBABCACBCAABABACCBBACAACACCCCCBBACAAABBCAABBABBBABCCBBCAABBACACABAAABCBBACAAAABCBBCCCCABABCBBCACCAABBCAAABBCBBBCABCCABABABACCBACBBACABCCBCBAACACBABABABCACCBCABBABBABACCCCCBAABAAAAACBBABCACABCCAAABBABBCBBACBBBBAABABCCBBACCCAAABAABCBAACCAABCCCCAABAAABABAAACBCABCABBACABCCABCCBBAAACBCCBCCBBCBABBBACCCCBACAABBABAABCCCBCBAAACCAACCAACBACACAAABBBABBCCBABACBAABCCCBAAABAAACBBCABBBBBCACBACBBABCAABABACBBABAABABBCABBBBBBBAACCBAACABCBBAACBBBCCCBBBCABCCAACCBCABCABABCAAAAAACCBCACBBBBCCCAACCBBCBBCBCCCBACCAACCCBCBBCAACCCCCCCAAABACCCACBACCACCABACCBBABBBBABBBCCACCBAAABCCCCBBCABABCACCBCBBBACBCBBAACAACBBBBCCACCCCACCABCCBAABACCCBCBACCBAABBBCBAACBACBBBAACCBAACBCBCBAACBBCBACACCCBABABABCCACCCAAAABCBCABABCBACBABABABACBACBCCACCCCCBACAAACCCCBBBACCABBABBBABAABBBBCAACAABCAACBCCCBCABABBCACAACCCBBCCAABCCCCABABAACBABAABAABAABCCCBCABAAABCBCBBCBBCBACCACBCCAAABACCBCABCBCCABBBACCACCCBCAABABAACCBBCBABACBBCBBAACCCBBABCABBCBCCBBABBAABCAACABBBACACCBACCCCBCBBAAACBBAACACCCBAABABBACACACBBBCBCAACCBBCAABCAACCBABABCCAACAACACCAABBBBCACACACCCCAACBCAACBCAACCBABCBCAACBCACBAACABBACACCCAAACCBBACACACCCBBABABBACBCBABBBACCBBAABACCABABBBBCCABCBBABACBBAABCCACCABACBCABCACBBACBBCCACBCAACAACBABCAABCCBAACBCCCBCCAABAABCCCBBBBBCCCABCCACCBAAACCABABCACABBABCBBACCCABCCBBBABACBCBACAABABCABAABBACABBCBABCBBBCAABBACBACACACAAACACACAABCBCAACCAAAAABCBABBAACBBABBACCAAAACCBCBCBACCABACBCCBACCBABCBBABBAACCCABCBCABCCABBBCCBABBCCAAABABBCCCBCAACACBCBCBCCBAABBCBCCCCAACABABCACBCAACCCACABABCACBBBACCCCCBBACAAACCACACBACBBCAABCCAABAABAACBBCABBBAACABCBCCCCBBCACCABABACACCBBABACCCCBAACCABBBABBBCCCABACBCBBBACACABCBBACCAAACAACACAABAABBBBBBBBBCACCCAABABBBBBACBBCABBCBCBBBBACAAACAACCBBABACACBCBACABABCCABCBBCCACCBCCBCCCAABBBACBACCAACBCBABCACCACBBCBACAACBCABBAACABCBACBABAABBCBABCAABAAACAAAACACAABBAACBCCBBBCBABCACCBCBACBCACAACBCBABCABAACBAABAACBCCACCCCBBCBCCACACAABCCACBBCCCAACCBCAABCAAABCAACCBACCACAAACACAABACCACBACCCBBAAAAABAACBBAACAAACCBBCBABBCBBCBCBCABBBBACCBCACAABAAABCBBCACCCBAAABAAAACACBCAACACBCCBCABCCCBABACABCAAAACCACBCCACBABBACABCBBCABCABCACBBACACBBCCAABCABBAABBCCBBCACABCAAACCCCBCAACCBBAAAABABBACBABAABAAAABBABBCBBCBCCACACCBCCBAACACCBAABBBACBAACAACABABCABBCBBACCABABCAACCAACACABAACABBCAACBBCABBCACACAABBCACAACCBACCABBCBCBCCACACCBCCCBABCCABBABCACCBCACAABCAACACACBABBCCCCBBCACAABBAACABBCCBBACAAACBCABAACBCAABAABCBBABAAAACCCBCACBBBCBBCAACBABBACABBCBACBBBCBCCAAACACAABAAACBACACAABACCCBBAABBABBABAAABBABBBBBCBAABCBCCCCCAAABCACBCBBABBBBACCCBCBABBBAACBBACBACCCBCBACCCCBCABCCBCACCBCCCBBCBAAAAACBBCABCCCAAAACCBAABBCBBBBAABACBCCABACBABCABCAABCBCCCACABCCAAABBBABCCABAABBBABCBCCCBCBACABACCCBBCBCAACACBAACBABCABAABBBABBCBBCBCCABCABCCBAABBCAABAABBBCCABCAABBBCACACACCACCBBCABCABBACAACAABACAACABCAABBAAABABABABBCBCBCBAABBCAACCBBBBAAABBACACCBBBBBCAACCCAAACCBCACBBBACACCCBBABCBAAABBAAACCBBCBBCCBACACBCBCBAABBBCBCBAAABBCCABABAAAAACACCBBCCCCACAABACABABABABBACACACCABBAACCACAACCAACCABABCBAACCBBAABCBCCBCBCBBABCCACACACCBBBBBCBCBBBCBCACACBCBABCAABBABBAAACCACCBBCBBBBCABABAAABCCBCBACCABCABBBAABBAACACBCBBBCAAABBCCBBBCCBBAACCCBCAABACACBCCBCBCCABABAACCCCCBACBCCACACBBBBBAABCBCBAACABBCABBBBBABBACAAACCBBCCACBBABBCCBCABCBCBBBBCCACACCCAAABAACCBABBBCCACCACCCBBABABCABBABBBCCCCBCCABCBABBABACCABCCCACBCCBBBCACAAAACBBCBABCCAAACCBAAAABAACBCCAACAABBAACCACCCAACBBBAAAACCBCCBCABBBCACCCBACCCAAAACBCBBBBBBBABBAAABBBCBBCBCBCBBCCBABBBCCBCBAACCBBCACCBABAACBACCACBCCCBCCCCCBCCCCBAABBCBCBACCBBCAABBCCBABAABCCBBABABCABCABABBBACCAACCABABCCBAABCACBCBAAACACCCBCCBCABCCACCBBAAACBBACABCAAAACCCABBCCCAACCCCCBCBBACCCAAACAAACAABBBAAACACCBCACAACCBBBBCBABAAAAACBCABBACAACBACCBAAACBACBCABCBBBACABBBBBBACCBCABCCCCBABCCBCBBCBACBCCAAAABACBAAABCABACBBBBCACBACCBBBCCCCACBBCACCBCACACCACAAAACAAABCBBAABABCBACCBCACAAAACCAAABACCCABBCACBAAABBAAAABAABCBBCBCABABCAACCABCACBBCCCABCBACBBACCBCBAABCCACAACABACCCBCCABBCCACCCBACBCCBBCBBBAAAABCACCBAABBBABAACBACCCCBCBBCBBBACACCCBBCCACAABBAACBAAAABCCCCAACABCBBCAABCCCABBCBCCBCBBACACABBCBACBACBCAAAABCCCBCACCBAABABACAACBBCABAABCCACBCBACBAABAAAACCBCCCBBACCBBBACBBACBCABBACACBACCCBBABBABABBBCCAACCBACCCBCACCACBBABCBBCBCAABBAABBCABCABABBBBABCABBCCCBCBCBABACAAAABCCABAABCBACCCCACACCACCCAACABACBCBBBBABCCABACACBBCBBBABBBBCBCBACAABAABBBCABABBCAACACBCBACABCCCABABBCBBACCACCACCAACCCACCCBCCCCACCCACBCBBBBAABACABBAAAAACBBBCCBBABCACACACCBBACACAAACABACBACBCACCBBCBAAABBBACCACBBAACBCBAAACCAAACACAACABABCCCCACCABCBBBBAACBABACACCCABABCBACBBAABACCAAAAAAABCCBABCCCABAAACBBACABBACABBACCACBBCCCCABCCABCBABACCABBBACACCABBCACCCBCABBCCCACBCBBCAAACACCBAACCCACBBABABABBCBBCBCBBBABACCACABBABBBCBABCBBCCBCAACAABCCCCCAAABBBABBCABCAAACACBAABCCCABBBAABCABCACCAABBABBBBCACCCBACCABCCCBACCBBBABACBABAABCAACCCBCCCCACCCCAABBBACAAACCCACACCCCCABBCACACCCBACACBBACCCCBBBBBBBAACAABABCBABBCACCAAACABACCCABAAACBACBABCAACAACBABACAABBACBCCAACAACCBABBCBACBCAACCBAAABCCABCABCABBAABABCAACABBCBCBABBAAACAABBBCBCCBBAABABCBABBBCBBBCCBBBAABCCBACCCBBABABBBBBBAAAAAACABCBCCBACABBBBBCABBACCAACCCAABBBCCCACCCACCACBCBBBBCABCBCCBACCBCACABCACABABABCACABACBBBBBACBCBBCACBBAAACBAACBACBCBBCCCBBBBBCAAABAACBCACBBCCACAABBBCBACCABBCCCBACCCCABABBCBBAAAACBACBCCBBBBAAABACCCCCAAACCCCCCBBAAABBBAAABABBCCACAACAAAACBACBBCCACACACCBACABAACBBABCAAAACAABBABBBBAAABACACCCCCCCBBCABBBBCABBAABACBABACCCCAABAACBABBACBACCCABBCBCBBCAAAACABBCABCCCCAAABBCACCAABBBACAABCCCABACBBACBCBAAABABBAAABCCAACAACAAABACABBCACACACCCACBACABBBCBBCBACCCACABABBCBABACCBCBACBAACBACCAACAACCAABCBBABBACAACABABABBBBCAACAAACBBBBCCBCBACABBCCACBCBBBCCABBCACABACCBAACACCBBCBCBACACABBBCBBABBACBBAACCBABCBBBCCABCBCCBBBCCACBCABCBBCBCCCBABABAACCACBBBBACACCBBCBACCCBABBBBBCBABBBABCCABBACCAAACBBBAABBACBBCCBBBAAACBABCCBBACACBAAAACAABAACCAACBAABCBACBBACCCCBCBCAACABBBCBABCCBBACCBCBCCBCACCCBACBAABBBCCABCCBABABABBBAABCAABCCCCABCABCBBBCCCBBABACBACBACCCACAAACACCBBCACCAACABCACCCACAABCBCAABAACACBBBCBBAABCAACCCCCCBCAABACBCCCABAACBCAAACBBBACCBBBBBBAABACCBBACACCCACACACAAAAABCBCBCCAACAAACCBBCAABCAAABACCCBAABACCBAABBCCAAABABCBCBBAACAABCCACAAACACCACABBCCBBABCAACBACBBCABAAAABBBCACABBCBACBAACCCABAABBACCBCCCCABBAABBACABCCAACBACBACBACCCBAABBACBBBCBCACCACCABABCAABCCCCCAAACAACBABBABBABCBCAAAACBBAACCCBCCABABCCBACCCCAAACBBABCCBCBABCCBBACCAABAACAACBBCBABBBBCBACAAACCBCCBBBBBAABBABBCCBCCACBAACABCCCCACACACBABBACAAABBCABABABABCBCCAACCCCCBACCAAACCCABBAABCBCACCCABABBAACBCCAACBBCCCCAABABBCCACBCBBABAABBBCCCBBBCBAABAACCABABBCCAABACBBAACACBCCCBACABABACACCCCACABBAAAAACACBAABACBBCCCACBBABABBCBAABCCBBCCABBCCAAAAAACAAABACAACCCCABABBBACCCCBAACBCCABCCBCBABCCCCBBAACCBABACBCBBBABAAACCBCACACBBABCAAAABABAABACBBBACCABBBBBBCACACAABACCABABBBCCBBCBACBACBCCAABBACAACBCBCACCBBCCBCBCACABBBAABCBAACBBBACABCBCCABBBBBBCCACCCBCBCACCBBACBBAABBBBBBCCACBBABAAABBACCAAACBBCACACBCCCACCBBCABBAAABACACBBBCCACCBBACBBBCCACCBBCABBBCBACAABABBAAABBCBBCCBCCBBABCBBCCABCAACABABAABBBBCBACCAABBBBAACABCAABCCCBABBBAABCCAAAACBCACCABBBCBBBCBBBCBCCCCABAABABBABBBACBBCBCBACAACBCBABBCCACCAACCCCCABBABAABCBBBAACCBCABAABCBCBBABBABBBABBCABAABABCCBCBCCAABCCBCBABACCAACAACBCCABCABCBCBACABBAAAACBCBCACCABBCCACCACCBACCBCBCCABABBCBBACBCABCABABAACCAACCAABCCBCABCAABBBBCCCBCBBCACBACCCABACCCACAAAACABBBCBBAAAAACABCBCBBBAACCABBCAABACACBCBBACABABBBAABAAAABCCCAAABBACACCACABACABACABBBBCACCABACBCCABACABAACBBCBAAAAABCACBCABCBCBBACAAACABCAACCCACCCCCBBCABACABBCAACCBBBBACCCBABBCCABAABBBACBACAAAACABCABBBBCBCCCCABCAACABABAABABACBBABBBACBAAABCBBCAABCAABCBBABBCABBABCCCCACACCAABACABACCABBAACBBACBBBAACCACABBACCABAACBCBACBABCCAAAACBBBCAACBBBCBACBCACBBCBBCCABCBABCCCABCCCBAABBCCACCAABAACCCBCAACCAABABABACAABCCCABBCAACABCABCBBBBCCBBBCCABCCAACACABACABAABACBCBAAAACCAACBAABCCACBBCCCCAAABBBCABCBBBACCABBBBCABACCBBCAACBCBACBBBCBBAABCABBCCCCAABBCAACAABCACAAACBAACBACBCCBCCBACBCCCBABCABCBAACCCBACCACCCBCCBABCAAAABCBAABBABBBACACABACBAACACACBAABBBCABCAACCABABABACBBBAAABABABCCABABBACBCCCAAACCABAACBAABCBCACACACBCCAACBCBAABCBACCBAAABCBCAAAABAAABCAABABABAAABCCCCAAACCBACACACBCCAABABAACAAAABCABABBAABAAAACBAAABABBCACAACACBABCACCBBAACCBCCAAAAABAABABBABBABABAABCCCBAACBBCCAABCCCCBAABBBCCCBCBCCAACBABCABCAACBACBABCAABCACABBCCCBCCCBCBBBAACCBACAAACBCCABAABBBBCBBCBCBCABBCABCBBCCCBCACCAACCCAAABCBCBBBBCACCABABBBACCBCACABBCCCCCCCCBCBBACBBCCACACACBABAAACBBCCACBABCBCABBABCACCBBBABBCBBCBACABBCABBBAAACACCCBABBCCCAAAAAABACCBBCABACBABAABCBCCCBBBABABACBACCBBACBBBCCBBCAACBCABACABCBBCCACCBCAAAABCAAAACAACAABBACCCCBACACCBAABBBAACCCABAAABBCBCBABABCCCABCAAABCCCABCBAACBBAAAABCACCCBACCAAAABAABACBBAAAAAAABBCCBBBCAAAABABCBCACCABBBBACABCACCCCBABCCCCACABBBBCCCBBCABABAAACBCCAAACABBCCACCCBCBBBCACACACAACCABBBABBACCCACCBABCBACBCAAABCBBACABCABBBBBABCABABBBCCBBBCCCACABABBCBCBBCBAAAAACCACCBACBCBABACCCBACBACCBABCBCCAABABCBBBAABBAABBAABBBCACCBBAACABAACACACBCBAABAABABBBBCACCBABACCCCCAACCCACBBBBBBBAAAACAAABBBBBCBCCABACBCABCCABAABABACCBBACACABBCBCBABACCABAABCCAABBAABBCBCCBAABBAACAAACCAABAABBCCACCAACCBCAAACCCBCBCACACCBBBCBACACABBABBBAABCAABBBBBABCBCCBCAAAAACACBBBACAACACCCACACAABBACCAACCCBABABCABBCCBCBCACAAACCCACBBCBCACCAACAABABACCCAAABCAAACCBABCCCBBBBCBBBBBBABCCCCAAACCBBABCCBBBCBCCBCACCACACCABCCCBCACCBBABACACAAABBCACBCBBBABBACABBBBAABACBACBCBBABAACCCCCCACAACACBAAAAACABCBABACBBCACABBBABABBBCABCBCAAABCBCCCABCABCACCCCCBBCBCCABCAACBABCCABCACBCACBAABABABACCBBBCCCCCBABCBCBABBCACCBABBBBBABCCBCABCCCCCACCCCBCACACBABACCBBCCCCCBBABABACCCCBAACCCBACBCBBBCACACBBBCBBABABCACCBCCAAAAAACBBCBBCAAAABCCBBACCCAAAACCBACBCACACBABCBCBBABBAAAACBCBCAACBCBCABCACACCCBAAAACBACCACBBCACBACBBBAAABACACBCBACBBCCBACBCBBCBCABBACBABBBBBBCABAACCBBCABACACCABCCABCBABBBBACCAAACCBABCBCBABBBBCCABAABAABBBBCCBACCABCABCCBBAABCACACABCBACAABABCBBCBCACBBBBCCCBAABABCACBAACBCAACACABABACABBCAACABCCCACBCCABCCCAAABAAABBCCABBCBABBABACBCAABCCABCAACCACABBCBBBBCBBBCCAACBBCCCBCCCAACCABBBBACABCCBBCCAABBCBCBCABCAABACBBBABACCAABCAACCBAABAABACBBACBCBBCABBCBCBBACAACAABBBCCCCAACCCBCBACAACBCCCCAAAABACAABBCBCACCBACACABBACBABBABCACBBCCACBABBBAACACABAACBCBACBBBCABCAACABACCBBABBABCCBCBBABBBAAABAABABCCBBBACCACBCBCAABBBCBAAAACABAAABAABBBBACAABAACCAABCBACAAACAAAACBBCABBBACACCCBBACABBCABACBAABCCACCCACABAABACABBCCCAABCBBCBBCBAABBBBBAABBAAACABBCCABBAABCABBCBACAACBBBCCBCAACACBBACBBBAABCBBAAACBCBACCCCCAACCBCBAAABABAACAACBBACBBBBACCAABAABBCACCACBCCACCCBABCCCCABAABACCBBACABCACABAABCBACCCBBCBBCCBCBBCAAABACACBACABBCCCBAACBCCAACCACBABACCCBBBCCACACBBBCCAACAAABAABABCBBBCCBCCBCABCCBCCAABBACAAABCBBACBCACCABACAAABCBCACCBCCBAAAABABCCABCBABBCACACACCCABBBBCBBACCCABABBABBCBCBCBCCCBACACBCBCCBABBBCABBCABACACCBABACABBCAAAACACBAACACAABBABCBABCACBAABCABCBBCCABCAACAAACCBCACCACBACBABCABBCBAACBACBBCCCBBBACABAABBCAABBBACCCBBACABACCBCABBBACACACABCABCCACABBCACABACCABABBBCCABBBCAAAACCCCBAAABCCAAAACABCCCABABCCCBABBCBCBCCABCBCABAAACABAAAAAACABBAAAAABCAABBCAAACCBBBACCACCACBABAABBBBBBACBCBCCABAABAAABBAAAABBBABCCCCACCACAAABABBBCCBBBBBCCCABACBBAACCCCCBBABABCCBCAACCBCCCAACABABBBBAABBCCBAACCCCCCCACACBCCBBABACAACBCABACCBACCBABBBBACCBACBACCACBABBABBBBCBAAABCCABBCABAAAABAACACACCCAABBBBCCCCCBBBCBBBCBAABBBBCBCACCCCBACBACAAAACCAABCCBCCAACCAAAABBBACBAAAACBCCBAAAACACACAABACACBBCBCBAABAABACBAAACABCBCCAABBBBBBAACCBBACCBCACBAABABBABCBCCCBBACCAABABCACBBBACCBABABCAAACBBCBCCAABBBACBCABACCABAAABBABABCACAACACCACBCACCABBCCACAAABBBCCACABBBBBBBBACBACBACAABBACCBAAABBBBCACACCBABAACAABBACAABACCCACBBABCBBAABBCCAABBBBCCCABCACCAACBACCABABCCACCBABBCCBCACACBBACBAACACCBBAACBCCBABCBCCCACBACBCBBBCBAAAACAAABACAAAAACBABCCAABBAACACCABCCCCABACABAAACBAACCCBCAACCABBABCAACABCACACCBBCCCAAACBABCBACCAACCBBAACAACBAABBBAABCACBCACCBACCCBBCACBBCBACCAAACCBCBCCCACBBCBACACAABCCAACCCACCCAACCAACAABACBCACCCAACBBCCCCCABBBBBCBBCCCCCBBBBBCCBBCAABAAABCCACCBBBCBBBCBBCABAACCAABCBCCABAACCABCACCAABBABCBBBCABBABABBCAAABBBCCBAABAACACACCABBAACACABCAABCBBAABCABCCABBACCBCBAACCCBCABCBBBCCABCCACABBCACBBCAAACACABABACCCAACABAACAACACCACAABAACBBBBBACBCBACAACCAACAACBABCBCBCCBABBBCAAABCBBCCABBAABACCCCBCAABCCCAABABBABBBABCAAABCBCCBABBCACCCCCCCBAACCABBACCABBAABBACABBCBCCCCACAABCBCABCBBCBCBAABBACCBCCCCAACCBBCCBCAACBBCCCBBBACBBACCAAAABABCABCCBBACACACACCABCCAAACAABBAAAACCBABACACCCCBCACABBABACAAACBBABBBBCBACBABACBCCBABCBABCBBACABACBAAAACBCCBCAABBCABBABCBBCAACABBCACBCACACCABABACABAABCACBCCACCAACBABACAABBAACBACAABCABABAAABBBCCCCBBCBBBABBCCABABCACBABAABACBACABCBBABBBBBBBABCBBABBCCBCABCCCCBACBABCBACCCBCBABCABCCBCCABBACCBCABAAAABBBCBAABBCAABBCCCBABBBCBBBCACBACABAABBBACCCCACBACBABCACCCCCBBCBAABCBBBBAAABCAAACAABABACBBCCBCCBACBCABACCCBCCBABAAACABACABCCBCBBCCBBCABCBCBACCABCCACCBBBBAABCCCBCBBCBBCAABCACBBBBABBCABAACAACCCCCAABABBBAACCCBCBBAACBBBCAAACCBCCACABCBBABCCABCABBBACCACACBABCABCBCAAAACACABABCAACCAAAACBBCCBCABCBCAACCBCBBAAABBACBACBBBACAABACBCCABCAACCAAACBAABABCCBBAABABBACBCBCBABBBABAACBBAABBAAAAAACBCBCAAACBBCBBCBBCBACBBACBCACCCCABCBABBCCAACBAABCBABCCAACABCCACAAACCACCBBABABBAABCCBABBBCCBACBBBBCACABCCCBACAAABAABABACACBABABBABACAABCBBCBCBBBCACBACBABACBAABCBCAAABBBACCABACABCACCBCBBAABABBBBACABBAACAACBACCACCABCBBBBABBBCBBCACABAACCBABAAACBAACACBCCABCABACAAABCCAACABBABCABABBAAAAABCCACBBCABBABAAACCCACCACCAABCAAABBBAAACBBACBACCBCBCCBCACBBBBCACAAAABABBCCACCCCAAABBBCBACAAABCACBABCCABBBBACBBCBACBBAABCACAAABABABBCCBAACBBCACBAAAABACCABAABCCBCAAACAACCBACABBACACCCACBCBCBCCABCCBBCCCABCCAACBBAABCBBCCBBABBBBBBCCBAAAABBBBCBBBCCCCBCBBCCCCCBCCACBACBACCCCBABABBBBACBAACBCABBCBACACBCBBABACCABBABABAABCBBAACACCAAAACBBCCACAABACCABCBCBBCACACCBCBBBACCBCCCCACCBBBBCACABBCAACAABAACACCBAAAAABAACBBBCBCBCCCCCCCACBCBCCCABABBAAABAAAACBBBCAAAACCBBBCCBBBAABBBBAABACCBCBBCBBBCCCCCCAAAACBCBCBCACBCABBBCBABCCACAABAAACABCCBBBAACABBCABCACCCACCBBCABCCABCBAACACBAACBBAAABBABACACCCBCCCBAABABAABCCBBCACBBCBAABCBCAABABAABBBBBCBCCAABABCBCBBABCBABAAACCABCCACAABCCABAABACAACBACBCCCBAACCBCAABACAABBAACBBAAACABACAACBCABABCAACBCBBBCCCCCABBCBCAAAABBCCABCABBCCCBBCBBABBAAABACCCBCBBAAACACACABCBAAAAABACCABBCBCBCAABCCAACBBABBCABCBCABBBBACBBACCBCCBBCCABBCAABAAAABACCCBAAABBBCBABBCBABBCBAABBBBBBABCAABBAACCBBACCAAACACABCACBABBBABBCAABAABABAAAACCABAACBCBACCAACBBCCBACBCAAAAABCABCACACABBBCCBABACBCBACACABAACBABCBBBABACCCABCBACCCCCBAAABCABACACCBBCCACACABBCCCCBABCCBBAABBBCBBACCCBBCBBAAACBCBABCBCCCCBACABCCBCACACCABCCAAAACCCACBCCABCCAABAACBBCCBAACAACBBBCACBCBACBCBBACAACBAACCACCBABBCACBABCBBABCBCCCABCCCBCABACCCCBCCCBCBBCBABABCABBBCCCBAACCBCAABABABACBBBBCCCCAACBBACBCABCCBAAAACCCBACBABABACABCCACBBCCCCCBABBBCABCBBCACABAACBACABABACCBBABBCBCCCBBBCBCBAAACABACBCCBBAABCCCBCCBCBBCCCBBBBACCCBCABACAACCBCCABCCBCBBACBBCBACBBACBBBBCABABACACAAABCBCBAABBBACAAACBBABBCBABCCBABBBBCCACBBACBBACAAACABBBCAAAACBCABABCCBBAACABABBBBBBCCABABCAACBAACAABBBBACCCABCCABCCCCCBCCBCBBBBBAACACABCABBBBBBBACCCAABBCBCACBACACAAAAACCABAABCABBACAABCAACBCACBACBABAABCCCBAACCBACABAAABACBBACACBABACAAAAAAABCAABBAACCACABCABACBAABAAAACABABACBCAABABBABCCACABCBACBCABBBBBAACCCBCABAACAABCBCACACCBCAACABBCACACCAAACBCBBACACBACABCCCACAABBBACABCCBBCACABACACAABAACCACCCBACACCABCBAAACBAACABBCACBCCCBACBCACCACBAABCCAAABBAACAACCBABBAAABCABCACCCAABABABBBBCCCBAABBCAACCBCBCACBBBBBBAACAACCBBCCCBABCBAABBCABABBCBAACBCBCBABCBCCABBABBAAABBAAACACCCCABACBBBABBBCBBBCCBBCCACBBABCAACBBBCACCCBCBBCBCABCCCBBBBBCACACCCACCAABCACABCBBCCAACACBBCACBABCACBBACABACACABACABAACABCBABCABABACBBAAABCCBBCABCBABCABBCCBAAACAAAAAAACBCBCBCCBAABCCACCCBBCAABBBBACACCCCABBACBCBBACABCAAACCBBBCACCBCCAABBCCBAABAACABAABACCCBCCBBBBCBBBACBCACAABBABCBCCBBCACAACAAACCCCACAAACCABCACBBCBBABACACBCBCACBCCABBAABBCAACABBCBBCAACABBCBCCAAABAAAABABBABBBCBBCBCACAACCCACCBACAACACBCABCBBBCCBABBCCBCCBCBCCAACBBBBCACACCCCBCBBABCBBCACAACCBCBBABACCCABAABCBBBAABACCCABCCABCABCACBBBABCBABACBBAACCACAABCBABABABAAAABCBCCCCCABCCCABCBCAACACACBACBBCCCBACBAABACBAACBBBBCBCABABCBCACBBCCABACCCABAAACBBCABCCABCACACBCBCABCCACCABBCCCBAACCCCCAABCCBAACCCABCCCACBABAABBBBABBAABBACABCCABCACCBBCABBBCBAAABBCBACCCCBBACAABBCCABACCCBCCABBBAAACACAABABCBBBBBCCBABCBCACBBBBBAABBBCBBBACCBAACBBCBBCBAACBBCBCCBAAAAABABCBAABBABCBCBACACAAAABCCCCAAAAABBBCCACBACBCBCABBCAACCBCABCACBCCBCCCAAAACABBBABACBCABBBABCACBBCCAACCCABABABCABACCABACCACABCBAABBAACACABBCBBCCBABABBCAABACBBCCAACCCACBCCBBBCBCCACBACBBABBCABBABCCCABBCAABBABABAABCABBBBCCCCBABAABABBACCCBABCBBCBBBCBACCCCABABBBCCCBAABACAACBBBCCCAABBABBBCAACABCABAACCCBCCACCBABCCACCBBACBAABAAABBBACCBCABACAABACCAACABACBCAAAABCACAAACBABABACCCCABBBBAAACCCCAAACBBCBBBCABABCCABCABCBCCCACBBBCBACBBCACACCBCBBCABBAABAAABBBCBCACBBACABCBCBAACAABCBCAAAABBCABBABAABCAABBACBBBCBACBBACABAACACAABCBABBCAAAABBCBBAAABCBCAACBCACAAABCBCACCAACABBBCBAABBAAABABCCBBAACCAACCBACCCACACBACBCAABACCBCCAABBCAAAACCBABABBAAABBBAAAABAACCAACCABCBCACCBCCCCBBCAAABABCCAABACBCCCBABAAAAACCAACCAAAACACACCBCBBABCACACABCBCACBCCBBACABBCCBCABAAAAACACACBBCABCCABCABBCCBCACCBACBCCBBABCCBBCCCAAABAAAACCAACCAABABACCAABACAAAACBACBACCAABBCACCCABACBBBACAACACAAACCAACBCBABBCCCABCAAABBCACBBABBABABCABBBBACBACACABACBBCACCCACABABCCCBACCCBCCACBCBABBBCCCCBAABAACCBACABABACACAACCABCCCAAAABAACCBCCCCAAABBABCBABCBCACBBCABBCCBAAAAAABBAAACCCBBCBBCBCBAACCCCBAACACCABCBCACBAAACBCCCACCCACABBCBABCBACBACCAAACACCCABBCACBAABBBBBCCAACBABCCCACBAAAABCACCCACACACBAACACCAABBBCACBBCAACCBABBCBCCBAABABBBAAABBAACBBBABACBCCBBBCACABCACBCCCCBAAAAAACACCBCCBBABAAABACBABBACBBAABBACAABCAACAABCBBABACABBCBBBABCBABBBCBCCBCCCBABBBABABAAAACBBBCBAABCCCBCBCBBBBBBAAABABBBACAAAAACCBCCAABCABCACBBBBACAAACBABBCBCABABBCCCACBBBBAAACBABCAABACBABAABBACBBCCBABBCABCAAACCAACAACACAABAACCCCCACCAABCBBABBACCBABCABCCBBCCCBCAACAAAABCBACBACACAAAAACBACCCCCBCCBABACABAAABCCCBBBCBCCBBBCCACAACBABCBAACBBACAACAACACACACBBBCBAABBABACCCABBAABABCBCCAACCBCBAACCCABBCCBAACAABBACACBAAACCBABABBBCBABBCBBBCABCAACACABBAACBBACACABBCCCCBBCCBBBACBBBBCCCBABACAAABCACBBBCABAAAABABACCAABBCCACBBABABABCACCABCAAAAABACCAABAAACAABAAAACCCBCAABBAAABACBABCCCCACBCAABCAAACBAAACCBACACABCCABCCAAACCCABCACCBBACBAAAAABCCACCAACAABBBCAABBACCBBBCAAACACCCBCBCBCACCABBCACACABCABCBABCBAAACBACBCCABBBCAABCABCCACCCCBCCCBBACAABACAAACCCCBCCACCCCABBCAAACBBCBCCCCACCBCABBBACCCBBBCACBBCCBCBBCAABCCBBAAACBCCBCACBACCBCCCBBCBBACCCBAABCABACBABCBCCAABCCACCBBBBBCCBBAAACACABBCACCABBABCACCAABACABBBBAACACBCCBBBACCBAACABAAACACCBCBCCABABCBAACBACBBCBCBBBBBAACACCCBAACCAACCBCABBABBAABBCCCBACCBBCBCABACCBAACCCCBCCCCCABACBBCBCAABBCBCAABAACCABACCCABABBABABACCCCAAAAACBCBBCBABBCBABBABBCBACAAACCBBCAAAAAAAACCCABBCCCBCCBCBBBCBAACABCCBACCCAACCBCCBAACACABABAAABACCCCCBCABACBABCBABBBBACACAABAABCAAACCCACABAAABBABAACAABCBCCBCBABABBCAAAABBCABBCCBCCABBBCCABAACBACBABCABAABACAABCCCBCBACACACBBABCCBBBBCABCAAAACCBACABBACBCCCCAACBBBCBAAABAAABBBBACBBBABCAAAACBBBBBAACBCBBCCCCABCCACBBBBABCAAAACBAACCBCBBBCCBACCACBCBBBCCCBBAAAAACABCAACCBACBBBBAACCAAACBBBACABBACABABAAABACCCACBAAAABBAAAACBCBACBAABAAAAAAABAAABCCBAAABCABBABCBBCBBABBCCCCACCACBCBBCCCBCCBACACCACAACBACABBACCABCAAAACCABBCAABCBBCBCBABBBAACBBABAABAACAACAABCBCACABABCCCABBBBACAABCBCABBAAABCCBAABABBBAACABAABBCBBAABCACACABBBABCBCBACCCABCBBCBABCCACACCCCBCACBABBCBCCBABAACBCCACABCBBACBAABACCCABABBAAAACCAABBBAACCAABCCCCBBBCABACABABBCBCCCCBCCCACCACABAACBBCAABAAAACCBBCAAAACBBCACBABBABCCBBCBAAABBBCABAACBCACBBCCACBCAABCBBBBCBCABACAAAACCBBAAACABBACBCBACCAAAAABACACCCABCABBABACCCBAABCACCACABCCCBCAAAACBBACBCBBCCBCACAABCBAABCBAACCCBAABBABAABBCACAABBCBCCCABAAAACBBACBAACACCACCACBBACBCBBBABBABBACCBBBCBBCACCABABAAABACBCBAABAAABCAACCCBCAABBBBACCCCCBABBACABACBBCBAAABCBBBCBBCCCBCBBBCAAACBBCCAABABCCBBACCBACBBABCCAAABACBBAACAABBAAAAACABBAABCACCCCAAABBBACBBCBCACCBABAACAAAABACCAABBCAABBBBCABCBCAACBBCCBACBBBBBCAABACACACBCACCABACBCACBCBCBCCCACAACABCCACBBBCBBCCCBCAABAACCCBBABBAAAABAABCACAAACBBBBBCBBBCCBCBBBACAAABCCCCCCBBBBBACABABBABBACBCABCCACBBAAACCCCCCBACBAACAABCBCBCAABCBCBCBBBACCACBBBCBCBAACCBAACACBCBBCCCCABBABCBBCBAAACCCBAACBAACABBCABACCCBCACBACCBAAAABAAABCBAACAAAABAACACCCBAAAAAAACABCCBCBACBBBABCCACAACCCACBCABAAABBCABAACCCBAAACAAABBACBABABACCBBABBBCACCCAAABACBCBAAAAABCBAACABABACCACABBCACACACBCCBCABACABCAABCCACBCCBCCBCBCBAAAACCAAAACBACCBCAABCAAACCCBACAAAACCABAACBABABCBCABBBBAABCCBCACBABABAABBABBBCACCACACCBBBAAACACABABCABBBBBACACCABABCBABBCBABABCBCACAABAACCABCBAAAACCBABBAABBAACCAABABCACCCCBBAAACCBBABBACBBBABBACCCCCBACCACBCACABCABCCCCBABCCACACACBBACBCCBBAABBCBBCACBABBCBACCBABCCBACCBAAABABCAAAACCBCCCAACCBCCAACCABAABABCCBCCACBACCABACBABBBCBABBBBCBBABBACABCCACBAABBBAACABBBACCACCCCBCCCCBABAAABBCBCBCABBAACCCAABCACBCACAACBABACBCAABBAAAAACACBACBCBCBBCAABBACCABAACCABCCBBAAAACCBBCCAABAABACBABCCBACCAAAAAACBCABACBCAABCABCBABBCACCBCACACBBCAACACCCACCCACCBAACACBCABABCACCABCBCBCACACCCBCCCBCCCABCABCCABBBCCACBCCBBCBABCACCACCBCCACABABAABAACAACCBBACAABABCCAACABCBBBCCBCABCCCBCBABACBCBCCAACCABCCBCBABCCAACBABABBCBBABCCCACBAAAAABBCBCAAACACBCAABABBBBBACCAABBABAAAAAAAACBBAABACCABAABBCBBABBCAAABBBCBBABCCCBBCABBCAACCBCBBCBCBBAACBACCBCAACAABBCBCCACCBBBCCCBAAACCCBACBBACAAABACBACBAACABAACCAACACBCCABBCBBBBAAAAACBBCABBBBBABBCACCAABACCBCCCCABBCBCAABBBABCACBABCBABCCAABAABABBBAACCBAABAABABBBABBCBACAAABBABCCAAABBABCCAACCAAAAABBCBCAACABBCBBAAAABCAACBCCCACBACACCCACBABCBBCAABABABABAABACCCCBAACCABAACACABAACABAABACACBCCBAACBCBCCBBCACACAACCCCBCCABAABABAABCAAACBCCCBBABABAAACCACAACCCCCAAABCCACAABBCCACBBBBBCCAABACABABBBBBCCACBABCCAACBAAACACBACACBCBCCABABBCACBBBBABACCABABACBCABCABCBAABCBBABCCBBCAAACCCACCACACBCAABBCAABBCACAACCCCAABBBBABCCACCAAABCCBACACBABCACAABBBABCCAACCCAACACACCBBCBBBCCBBBCCCCBBACBCAAAACBACACABBBBCBACACBCCACCBABACACBABABABABBBCACCCAABACAAAACBCAAAAAAACBABCABBABAAABCBABACCCCCABCCCABCCBBBCABCAABCBCBBBACBACACBCAACBBAABBAACACCACBACABCACCCBAABBABABBCCCBACCCBABBAAABAABBCBCCBACAABBCBACBBBCCCACACBCABABACCCCBABACBCBCBBBCBAABCAAACBBBAACAABABBABBBCBACBBACCCAAABBBABCCAAAAABAACACBBBAAAABBCCABABBABCBBBACBBBBBBCBAACBABBBCCBCACCAAACBAACBCCAACCBBCCABBAAABABACCAACBBBAAAAAABBCABCABCCAAABABACCCBBCBBACCCCCCABBBCBBBABBACAABACCBAACBCCBBAAABCCACAABAAACAAACBCCCCBAABBBABCBAACAABAABCBBABBABBAABAACBABCBCCAAAAAABCACABAAACACAABBBBCCCACABCCCBAAABCAAABAABACACBCACBCBCBABCACAABCCAAAABBCCACCAAACBCCBBCCCBCCCABBBBAAACCCCCACBBCBBCBCBBBACBBAABABBCCACCCCBBBBBCAACBCCCBBABCBAAABBBABBBBCCCAACABAACACBCCBCCBBBABCBABCAAAAABAAABAABABACABCBBABBBBBAAABABBACCCBCABCBBCAACAABBCCBACABACBABBCBBCABBACBBBACCCCBCABCABCBAAABCCCBCABBABACBACACCACCBABBBACCABCCBBABABBCBBBAAABCBABCBAACCCABCBABACCCBBABCAACCBBBABCABBCBACABBBABCABABCBABAAAABBACAACCBCAAACBCBBBACCACCACCACBCBACCCACAAAACCCBABCBCABABBAAAABAACAABABABBCCACACBBABBCBABBACABBBBAAACACCAACCBBAAABBACCBBBBCACABBBACCBCCCBABABBCBCCBCCACCCBBBCAACCACBCBCBAAAACCBABACBBCBABBCCACCCCAABBCACBACABBAAABCCCBBBBBCBACCCBAAACAACABABACCACCAACABCCBBCBACCBCABBABACACAABAAABCBABABBAACCACABCABBCBCCBACCAABBBACCCBACACAAACBACAACABACACABCBACCABABBBBCACACCAAACBBBCBBBCBCBCABACBCCCBCBCBCCBBBBBCCAABABCAACBBBCCABCCBBBCBCCBCACCBAAACCBAABCBCCBACCABABBBAABCBCBCCCBCCABACBCAAABCCABBABAAACCCBCBACCABCABCBCABCCCCCBACCCCCABCACCCAABAAABACCACAABCBCCCACCCABBBCABCBAABCAABBACBABAABCBABAABBBACBACCACBBBAABBCAAABCCCBBCAABACABBCBACBCABACCCCCACABBBBACCACCCBCCCABCBBCACCBAABBBCAAAABAAAAAABABABCACABBCBBBBBABACABCAABBCBCAABACBACABCACBCBCABBCBAABACCCACCCABBABBBAABBBABBAABBCBBACBBAACCCAAACBBBBABBACBCAACBCBCBBBABCBBAAACACCBCABABAAABCCCBCACCBAAACCCCCBBBCBCCBABBABCCABBBABCAAAAACABCCCAAACACABACBABACCCCAABAACAACCBBBCCBBBAAABCBACCCCCBCCBBCAABCACCBABCCCCCCBABACCACABBCCACCBCACCCCCABCCBCBBABBABABCABBACABBCCCAABBCACBACCBABABCABBBABBCCACCCBCACBACCBCAACABCBBABBBBBABCABAACBCBCAACBAACCCACAACCABABBBACCCACBCABAABACABAACBCAABBABBCCCAAAAABACCACBAAAACACABABBCCCBCBBBBBBCBCCCBCBABBBAACCABCCBCCCBCBCBBBACAABCABBACABCCBBBCACAABBAAACBCCACCAAABAAABABACAAAAACABCCCCBABABBABAACBACAABACCABCABBBCBBACACACCBAACABCBBAABBAAAAAABCBCBBBBBCBABCCBBCAABABABCBABCBBCBAACACABBBACACBABBCABBCACBBCABCBBABCACAABBAACABBABACABCABACCBAAAACCBCCCACBCBCACBCBCCBAAAABBACCCBBAAACBCCBBACBCABCBCBCBBABCCCBCBBCABACCBCBBAAACCABAAAABBBCCAAACCABAAABBBCCBAAAAACBABBCAACBBACBBABBCCCCCCACABCCACBBBCBBCAAACBCCABCBACCBAACCCBBAACAAACBCCBBAACABBBABCACBBBABBBBAAAABCAABCABCCACBBBCCCBCABCCCABCABCCCBCAAACBBBAAAAABAACBCACCACCABABCCAAABCCAAABAACCACBBCCABBBAAACCCACCAAABAAABACAACCCCACACACCACCACBCABCACCBACACBBABCBBABCAABAACAABBAAAACBAAAABCACAAAAAAABABCACCABCCCBBCBCCACBABBCCAAABCBABACCBCABBACCBCCCBABBBBCCBBBBBAACCCACBCBCCABCACAABAACABAAACACBBCABAABBCABBBAAACCACBBCACCCACCACAACCABCCAABABABBAABCABCCAABABAAAACBABACBAACCACCBACABCCAABBCBAACACBAABBAACAACCCCCCCABBCACCCABACAABCAAAABACACBCBCAACCBBCACBABCCABACAACBBABBACBCBBBCACACCAACBCCCBBBABCACBBBAAACABBBCABBCCACACBAABCBBCBBABBBBCBCBAABABCCBBCCCCBCCABBABBBAACBBBAAAACBBCACCBCBACBCACCBACCCBCABCCAABACACBCBBAACCCAAABBABCCABBCCBBACBACBBABCBABCCABBBAACCCAAACBCBBABBAAAAABBBCCCBCBCACCBBABABBABCBCACBBBBBBBBBACACBACACAABCCCBCAAABCBBBABACBBCBCAACACBACCAAACBBACBACCCCCCBCAAACCCABBBBBACBAAAABACABBACBACCACBBBABAACBBCACCBBCACBBBBCCBCAABBBBBCCAACAABBCCCACBCABABABBBBACBBABACCBBCBBCACACAAACACABBAAACBCCABCCBBACABCCBAAACBABBACCABAABCBBBBBABACBACBAABBCABBBCBBBAACACCBBCACABACBACBBCBBCCABBBCACABCCABAACCABAACAABBBBCBABCCBBBCAABAAACBCABABCBCACABAAACAAACAACABACABACCBBACBABCCCABACAAAABCACAABBBBBBAAABBCCCBBACBBBBCBBBABABCBBCCBBACCBACACBACABAACBABBCCACCBBACCABCCABACBABCABACAACACABBCBBBBCCBCCCCBBCBAAABCBBBCCCCACCCABACCBBACBBAACCCBCACBCBAAAAACBCBBBAAAACCCBCCCBCCBCCAABCBBBBCABBCAABAACACBCCCBCCABABAACCCBCABACBABBCAAACBABCCAACAABBCCCCBBAABCABCACBCCAABACCACCBCCCACCBAABCBCCCCBAAACBBCABCBBBAABACBBABACACBBCBBBAACCAABACBACACBBCBBAACBBBCBCBCBABACBBACBACBCCBBCCBBBBCCCACCBAABBBACCABACAAAACCABAABABAABCBBBCCCCBBABACBBBBACACACBCCCBABBCABBBACABBCABCBBBBBBCBCBBCBBBCCAABCCABCACCACACCBCACBCBBACACBCACBBACACBAAABBCABBACABACCCCAACBBAAAAACACABACBACAACBCBABCBCAAACABAACCAAABBAABCACCABBACCBCBACCABBBAABCBCACBABCACCABBBAACCBCABCACBBBCCAABAACCABBACBACABABCBACCBAABBABCACAABBABACACCBBAAAAAABACCCBCCAACABACBCBACBCCCABACAABCBBCCABABBCACBCBBABBCCBBACAAACBBCCACBCACBACBCBBACBBAAABABACABACBACBCBBBCBACCCBCCBBBCBABAABCBACAAAAABCCABBAABACAABCABCBAABBBABBACBBACBAAABCACCACCAACABBBCCBCBBBBBBCCBCCBBAAACBBAAAACBABCBBBBCBABCCBBAAABABBCBCABABABABBCACACBBABBABCACAACCAABCCCAACACBBCBABCBCACBAAACCCAACABBBBABACACBBABACBCCBACBCCCBACBBABCBCBABBCCCBAABACBCBAABABCAABBACCBCCCABCACCABBABAABACCBCAACBCBCACABBCABBAACACCCABAABBABCBCCACCBCABBCAACBBCCCBCCBCCCABBBCACAACCACBCAACABCABBBCABCABCBABBBCACCCAAAABAABBACAAAABABCCCCACBCABCCABCAACBBBAACABACBBACABBABBCCBCAAAACAACAACBBABBBCCCCACBBAABCAACCCBBCBBAABCBCACBCCACABAAABABBBACCCCCACCBBBBCAAAAAAAACAACCBAACABAACAAAACBBBBBAAABBCBACCABCBAAABAACBBCCACABBCCBBCBBBCBBACAABCBAACBBCCABBACBACCCCCBCAAAABCCCAACACACACCCAACABACBABCAACBCCCCCCCABCCCBBBCBBBBCCAACCBACBCCACAACBAACAACBCBBBACCAABCCACACBBCCACCABACCAAAACBCCACAABABBCBAAAABAABBCACACCBBACCBACACAAACBCBBBACCCCBAAACBCBBBACCBACCBCCBCABBBABBCAAAABACABACBAAAACACACBAAAABCAAABCCABACCBCABACACACCBCCACBCBBBCACBBBBCBCCAACCBCCBBCCBAAAACACBAAAABCCAABBCCBBCCACAAACACAACBAAACABCBBAAACACBACABBACCCAABBACABABABACAACCCBCABCBBBABBABCACCACCABCBBCCBBBCCCBCAAAAABBBCCBACACCCCACACBCABCACBCCACBCACCACCAAAACCCBBABACACCAAAABCABCBBCABCCCCCCBBBBAACAABBCABBACCCCACABACCCCCCACACACBABCABCCBBACBBBBBCCBACABABCBBACAABBCABAABCAAAACABCABCABCBCBBAABCACABCCAAACBCAABCACACACCABAAAACBACCCCCCCAAACCCACCACABCCABCBBAACCBBBBACACCAABBAAACCCAACCBABABCABBBCAACBCCCACABAACCABCABBCCACBCCCABBCBAAABCCBBCACBBAAABCABCACABABBBCABAACCCCCBBACBCCABCACABCAABAACCBABAABCCAACACBABCBBAABCACABABCCBBCBCBCAACAABCCCCACAABAAAAAABCBCCCACABCCBACBCCBBCCAAABBACABABCBCBBCABCCCCCAABBCAABBCACCCBAACCABBBCCBABCBBCCABAAABBCCCCCBBBCBCCCACCCCACBBACBCCAAACACCAAACCCCBBACBACABAACBBCCBBBCBABCCABCACAACAACCCBCCBACBCABCCAABBABCBBCAABCBBCBACBACBACBCABACCAABCABCABBBBCAACBCBCBBACCCCACACBCAABACBBAAACBABBAABCABCCBCCCACCAAABAABBCBACABAACCBBAABABBCACAACBBAACABCBABAACCCCABCCBACCBCCBCABAAAABCACBBBBABBCABABCBCBBACBBCABCBCCCABCBBBBCBCBBABABBABBABBACCCCBABBACBAAACCBBABACACACABBCBBCACBABAAAAACACABAACCCBAACABBBBCABBAAAABCBBBAACBBBABBACBAACCBCABCBBCBBBBAACACABBBBAAAAAABBCBAAAAAAACCBCAAACCCCBBABAAABCCBABCABACACAABACCBCBAAACAAACCCABCACABCBABABABAABBBABCBBAABCCBAAAAACCBACCABCCCBAABCABBACCCBAACCBBBABCACCABCABCABAACBBCBBBAAAACACAABCBCCCBACBACACCACCACBABAAAAABACABAAABCACBCCBCCCCACCABBBAACCBCBCCCAABAAAAACBBCCCBCCCBBAABABBCBCACCBCBBAACBACBCACACABAAABBAAACCCBBCABCAAABACCAACCBCCBABABAAAABBAAACAACCBBBBACCCCABBCCBABABBACCBCCBAAACCABBCACABABACCBCBABBCAABBCACABAABCBCAAABCCBCABBBCABCCBBCCCCCAACCCCACACACACAAAAAABCCCBCCACACCACBCBACBCABBCBAACBCBBCACCCABAABCCCABCBAABAABAABBCCCABCCABBAAABCCCAABBAACCBCACACCCACCBABAAAAACABBBBCAACBBBCCBBBCAAABBBACBCCBABCCBAABCCBCBBABBAACCBCACBBCCCABABAAABCBCCCBCABBAACAAACCBAABBBABBCBACBCACABBAACBBABCABAABBBACBBACBCCCBACCBACBCACACBBACACCCCCAACAAACCCBCABBCCCAABBBBCABBAACBCBBCBCCACAABAABBABCAAAABAABBCAACBAAABAABACCBBACCBABBBACBCAACACACACACCCAACBABACCACBCCABBBCAAABABCAACBCCBCCCABBBBBCABBBBABBCBCABBCAABCCCACBAACBBBCBCABBCBCABCABAACACCBBACCBCBACCBCCBBBCBCCAABCCCABCABBCCBCAACBACAABCBBCCCBACBABABABAABAAACBACACCBCCCAAACBCBCBCACCBACCABCCCBABABBCCABBBACBCCABCCAACBAACBAAABBCAABAABCBCAACBBCBBCBCACABCBCCBABBCCCAAABBACABCAABCBBBABCBCBCCBCAABACBCACCCABABCACBBABABBACBCAABACAAABCBCCAACAABBACCCBBBCCBAACAABBCACCCBAAAAABCBCBBCAABCACCBCAAAABAACBBABABCCCCAAABAACCACCCBBAABCBBCAABCCBAAAAABABAACBBABBBABBBACCABBAACCBBAABABBCABBCACAABCBBAABACBBAACCBBCBCBBCCACBBABBACABCCAAAABCBCBAABBBBCACCBBABCCCCACABABCAACCAACACBAACCCAACCCCBCBBBBCCCCABCACACBCBCCBBABBCAAAABACBCBACCBBBBBCCBCCACCAACBAAABCCCCCCACCABBABCABBAAABACACBACBACACBABBCACAABBCAABABABAACACAACBACABBACACAABBABBCAAABCBAAAAAAABBCBCCBBBCBCABCACBBBCCABABBCBABBCABCAABCBACBAACAABCCABBABCCCBBAAAACACACABCBBAACABCCAABBCBBBACACBBCAAACBBCACCCCBCCCBCACCCBCCBACCCBBCAAABAABAACBABBCCCAACBBAACCCABACBBCCCCBACBCAABBAAAABCBAACCBACAAAAABBBACBBBCBBCBCAABBBCBBCBBCBBAABBCCCAACBABCCCBCCCBBACCCACBCACBBCBCBCCABACCCAAABCABBABAACAACAABCBCBBAAAAABBABABCCBCBAABBBBCCCBAAAAABACCAABABAACBBBBBBBABACCCAABCBACBBCACBACCABCCABCBBBCBBABCACBAACCBACCBCBBACCBCBCACCAACCCABBBCAACACCCBBBABABCACCCAAACCCCCCABABACBBBBCBCCCCCCCBCBAABAAACABCCABABBBBBCAABBCAABBACBAACCABCCABABBBBBABBBBABAABAAABAAACAABACABBCACACBCABACACCBBCCCCBBCBBBBBABAABCABBCBBACAABCBAABABABCCABCCBBCABCABCBCBCAACBCAACBBCABABCACCABBAAABCACBABABBAACAAAACAACCABABBAAACCABCBACBACABBBACCAAAAACCABBACACBABBACCCCBCCAAACAACCABBCAAACCBCBACCBCBBABCAABCABCAACAABBBCCBBACBCCCCAAAAAABCABAAABCCCACABCBAACBAACACCACBAAAACCAAACCAACABCCBCAABBBABCCCBACBABCACAAAABCBBBBBCABBBCCCCCBBBABBBAACCCCACBABCACBCABCCBAABCCCBBCCBCCAABABABCBACABABCAABBACABBACAACACCABCCACBABAABAABBCAACCCBCBACCAAACCBAABCAABCBCACBABABBAABABACCAAACBAACAAABBABBABBBBCCCCCCCCBABBABBABCBCABCCCCAAABCACBCABBCBABBBCBCBBAAAABABAACBACBBAACCCACCCCCCCCABBCABBACAAACBBCBBBBBABBBCAABCACCCACACCCAACABCCBCBBACBAAAABACACAAACABCAACABBAACBCBABCBBBBBABABBAABCAABCAAABBACACACACBBCCAABAAAABAACABAAAABBBBCACBACBCCCBABCAABAABBACBAAAABABBBCACCCAACCACBCBCCBABACCAAACBABACCABACCBBBACABBCBACBABAABABACCAAACACBCCBBCCABABACAAABAABBACACBCCBBBCAACAABABACACABCCAAAABAAAAACCABABCCAABBABACAAABAACCAAACCBBACBBCCCBCBCCBBBBCACAAAABACAABBCCABBCBAABAABBCCAABCCABBCABBACCBACABBBBCCBCACACABCCCBCABCCAACCCCBBBCCBBCCCABCACCABAAAABBBBCABCACBBCCAACBCAACCAAABABAABCACACAAACAAACCBBBCBCCBBBCCCAABCBCCAABCCBABBCBAACACACABCBCBBBCBCCBCAABACBBCCBCAACAABAAACAACCBABCABCCBCABAABCAAABCBBACACABBAACAAABBAAACBCBBACBCBCCACBABACCCABAAACBCCACACBCCACBACBCCAACACACCCBBACBABBCABCCBCCBAACBABABCBABAAABCCABCABCCBBBCCBCABCBACAABCCCABABACCACABCABCBBACBCACBCBACBAACCBBBACABBBBAABBABABCACACCBCCCBABCBBBCACCBCCCABBBBACACBCAAACBACCBBAACCBBBBCACBCAACABBCABACACBCCACCCACCAAACBAAACACCAACBCCBCBCACACBBBCAAAACCACBCBAABBABCAAACBAACCCCCBBBCBCBABABABBCAACBCABAABBBCBBAABABAABCBAAAACAACABCCABCABCCBCCBBBAAACAACBACCCABABCCCACCBCCBAACACACCAAACBACCCBCACBACBBBCBAAAAAABACACBCBBBBBAAAABCCCBABACACABBCCBBCABCACABCABABAACBCCCAAAACCACCBABBBBABBBBCCCCBCACBBCABCBBABABABCCCABBCABBABBCCBCCABBBACCACACCBAACCCCBBABCACCCBCACBCBCBABCBAACABACBAACCACCBCBCCCCBACBACCACABCACCABABAABCACBACAABCBCBACCBACBCBCBCBABBBBABCABBCCABAABCBCCACACAACACBABBCAABBBBBBCCBBACCABCBACCCCACACBBCBCBABABABBCAABABCACBABABBABACACCCBBBBACBCBABABABBAABCCBBAABBCCCBCBACBACAACBCBACAAAABCCACBAACCABABBBBBBCACBAAACBBBCCCABCAAACACABCACAABAABAACCCABCBCAABABABAABBBAACABCBCAAABBACAABCBBCBCCACBCCABBACBCACBBBBCBCBCACABCCACCCCBACACBCBABAB