|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Roman Numerals | Bass movement (in C) | Harmonic  Functions | Movement  types |
| 1 | I / vi6 vi6% ii2 / V6 V6% | C C C B | T SD SD D | S S S |
| 2 | I / vi6 vi6% / ii ii7 / V6 V6% | C C D B | T SD SD D | S S S |
| 3 | I / vi6 vi6% / vii6 vii6% / V6 V6% | C C D B | T SD D D | S E S |
| 4 | I / vi6 vi6% / ii ii7 / V V7 | C C D G | T SD SD D | S S S |
| 5 | I / vi6 vi6% / vii6 vii6% / V V7 | C C D G | T SD D D | S E S |
| 6 | I / I6 / ii6 ii6%/ V V7 | C E F G | T T SD D | X E S |
| 7 | I / I6 /VI VI7 / V V7 | C E F G | T T SD D | X S S |
| 8 | I / I6 / ii6 ii6% / V6 V6% | C E F B | T T SD D | X E S |
| 9 | I / I6 / VI VI7 / V6 V6% | C E F B | T T SD D | X S S |
| 10 | I / III / ii6 ii6% VI VI7 / V V7 | C E F G | T T SD D | W E S |
| 11 | I / III / ii6 ii6% VI VI7 / V6 V6% | C E F B | T T SD D | W E S |
| 12 | I / IV / ii6 ii6% / V V7 | C F F G | T SD SD D | S S S |
| 13 | I / IV / ii6 ii6% / V6 V6% | C F F B | T SD SD D | S S S |
| 14 | I / IV / ii6 ii6% / V V7 | C F D G | T SD SD D | S S S |
| 15 | I / IV / ii6 ii6% / V6 V6% | C F D B | T SD SD D | S S S |
| 16 | I / IV / I6 / V V7 | C F E G | T SD T D | S W W |
| 17 | I / IV / I6 / V6 V6% | C F E B | T SD T D | S E W |
| 18 | I / ii6 ii6% / I6$ / V V7 | C F G G | T SD D D | E S X |
| 19 | I / IV / iii6 / V V7 | C F G G | T SD D D | S E W |
| 20 | I / IV / I6$ / V V7 | C F G G | T SD D D | S E X |
| 21 | I / IV / vi / V V7 | C F A G | T SD SD D | S W E |
| 22 | I / IV / IV6 / V V7 | C F A G | T SD SD D | S X E |
| 23 | I / IV / vi / V6 V6% | C F A B | T SD SD D | S W E |
| 24 | I / IV / IV6 / V6 V6% | C F A B | T SD SD D | S X E |
| 25 | I / vi IV6 / ii6 ii6% / V V7 | C A F G | T SD SD D | S S S |
| 26 | I / vi / IV / V V7 | C A F G | T SD SD D | S S E |
| 27 | I / vi IV6 / ii6 ii6% / V6 V6% | C A F B | T SD SD D | S S S |
| 28 | I / vi / IV / V6 V6% | C A F B | T SD SD D | S S E |
| 29 | I / vi IV6 / I6 / V V7 | C A E G | T SD T D | S W W |
| 30 | I / vi IV6 / I6 / V6 V6% | C A E B | T SD T D | S W W |
| 31 | I / vi IV6 / ii ii7 / V V7 | C A D G | T SD SD D | S S S |
| 32 | I / vi IV6 / ii ii7 / V6 V6% | C A D B | T SD SD D | S S S |

**Random progressions:**

6, 31, 30, 17, 11, 15, 5, 9, 7, 16, 23, 10, 26, 2, 20, 32, 18, 28, 4, 29, 19, 25, 3, 21, 24, 14, 22, 13, 27, 1, 12, 8, 29, 18, 13, 8, 9, 27, 20, 25, 19, 24, 14, 23, 28, 17, 7, 12, 2, 31, 15, 22, 10, 11, 21, 30, 6, 4, 16, 1, 5, 26, 3, 32, 32, 10, 5, 9, 18, 13, 31, 20, 3, 11, 15, 4, 25, 26, 7, 6, 2, 24, 28, 22, 1, 29, 19, 21, 16, 30, 8, 14, 23, 17, 27, 12

**Generating code:**

function genRand(min,max) {

return Math.round(Math.random()\*(max-min)+min)

}

function makeList() {

prog = []

while(prog.length()<32) {

x = genRand(1,32)

if(prog.indexOf(x)<0) {

prog.push(x)

}

}

}

|  |  |  |
| --- | --- | --- |
| Melody | Progression ID | Progression |
| 1 | 6  31  30 | I / I6 / ii6 ii6%/ V V7  I / vi IV6 / ii ii7 / V V7  I / vi IV6 / I6 / V6 V6% |
| 2 | 17  11  15 | I / IV / I6 / V6 V6%  I / III / ii6 ii6% VI VI7 / V6 V6%  I / IV / ii6 ii6% / V6 V6% |
| 3 | 5  9  7 | I / vi6 vi6% / vii6 vii6% / V V7  I / I6 / VI VI7 / V6 V6%  I / I6 /VI VI7 / V V7 |
| 4 | 16  23  10 | I / IV / I6 / V V7  I / IV / vi / V6 V6%  I / III / ii6 ii6% VI VI7 / V V7 |
| 5 | 26  2  20 | I / vi / IV / V V7  I / vi6 vi6% / ii ii7 / V6 V6%  I / IV / I6$ / V V7 |
| 6 | 32  18  28 | I / vi IV6 / ii ii7 / V6 V6%  I / ii6 ii6% / I6$ / V V7  I / vi / IV / V6 V6% |
| 7 | 4  29  19 | I / vi6 vi6% / ii ii7 / V V7  I / vi IV6 / I6 / V V7  I / IV / iii6 / V V7 |
| 8 | 25  3  21 | I / vi IV6 / ii6 ii6% / V V7  I / vi6 vi6% / vii6 vii6% / V6 V6%  I / IV / vi / V V7 |
| 9 | 24  14  22 | I / IV / IV6 / V6 V6%  I / IV / ii6 ii6% / V V7  I / IV / IV6 / V V7 |
| 10 | 13  27  1 | I / IV / ii6 ii6% / V6 V6%  I / vi IV6 / ii6 ii6% / V6 V6%  I / vi6 vi6% / ii2 / V6 V6% |
| 11 | 12  8  32 | I / IV / ii6 ii6% / V V7  I / I6 / ii6 ii6% / V6 V6%  I / vi IV6 / ii ii7 / V6 V6% |
| 12 | 10  5  9 | I / III / ii6 ii6% VI VI7 / V V7  I / vi6 vi6% / vii6 vii6% / V V7  I / I6 / VI VI7 / V6 V6% |
| 13 | 18  13  31 | I / ii6 ii6% / I6$ / V V7  I / IV / ii6 ii6% / V6 V6%  I / vi IV6 / ii ii7 / V V7 |
| 14 | 20  3  11 | I / IV / I6$ / V V7  I / vi6 vi6% / vii6 vii6% / V6 V6%  I / III / ii6 ii6% VI VI7 / V6 V6% |
| 15 | 15  4  25 | I / IV / ii6 ii6% / V6 V6%  I / vi6 vi6% / ii ii7 / V V7  I / vi IV6 / ii6 ii6% / V V7 |
| 16 | 26  7  6 | I / vi / IV / V V7  I / I6 /VI VI7 / V V7  I / I6 / ii6 ii6%/ V V7 |
| 17 | 2  24  28 | I / vi6 vi6% / ii ii7 / V6 V6%  I / IV / IV6 / V6 V6%  I / vi / IV / V6 V6% |
| 18 | 22  1  29 | I / IV / IV6 / V V7  I / vi6 vi6% ii2 / V6 V6%  I / vi IV6 / I6 / V V7 |
| 19 | 19  21  16 | I / IV / iii6 / V V7  I / IV / vi / V V7  I / IV / I6 / V V7 |
| 20 | 30  8  14 | I / vi IV6 / I6 / V6 V6%  I / I6 / ii6 ii6% / V6 V6%  I / IV / ii6 ii6% / V V7 |
| 21 | 23  17  27 | I / IV / vi / V6 V6%  I / IV / I6 / V6 V6%  I / vi IV6 / ii6 ii6% / V6 V6% |
| 22 | 12  32  10 | I / IV / ii6 ii6% / V V7  I / vi IV6 / ii ii7 / V6 V6%  I / III / ii6 ii6% VI VI7 / V V7 |
| 23 | 5  9  18 | I / vi6 vi6% / vii6 vii6% / V V7  I / I6 / VI VI7 / V6 V6%  I / ii6 ii6% / I6$ / V V7 |
| 24 | 13  31  20 | I / IV / ii6 ii6% / V6 V6%  I / vi IV6 / ii ii7 / V V7  I / IV / I6$ / V V7 |
| 25 | 3  11  15 | I / vi6 vi6% / vii6 vii6% / V6 V6%  I / III / ii6 ii6% VI VI7 / V6 V6%  I / IV / ii6 ii6% / V6 V6% |