Recently, because of Langands’ proposals regarding the stable trace formula (‘Beyond endoscopy’), it has become important to find explicit formulas for orbital integrals $\langle O_\gamma, f \rangle$ where $g$ is a regular semi-simple element in the $p$-adic group $G$ and $f$ a function in the Hecke algebra. Work of Waldspurger, extended by Joyner, gives us such a formula, but it has not so far been clear how practical it is. I’ll explain recent work on this question. (Received September 11, 2019)